

ORT	phenomenon explanation	theory/model	relevant exp	periments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISC	USSION WITH OPP			WERS TO JURY,
	almost no	almost no	almost		almost no	almost no	misunderstood	unclear, chaotic	1	relevant	reporter's	OPP	ONENT, and
	some	some	som	ne	some	review of sources, cited	partly	partly clear	1	arguments/responses	conduct in the discussion	REVI	EWER'S QUESTIONS
	fair	fair	fair	r	qualitative agreement	some own input	average	average	0.	too few	poor/aggressive		
	good	gooc	goo	od	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done		some	partly fine	0	concise and correct or questions asked
	alatalla a	aia. dearthad	multitu	ude of		and the second s			1	, many	good	_	•
	detailec demonstrative	quite detailed, correct	or param		+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	2	+ data/theory supported	some aspects efficient	9	some incorrect, inconclusive or too lor
		detailed, complex, completely testable	and erro	ors	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	3	proved deep understanding	overall efficient	-2	deeply incorrect or sh deep miscnceptions

Start from 1 and add/subtract losing energy to nolling sound 2 like balt

Start from 1 and add/subtract losing energy to nolling sound 2 like 22 QUESTIONS ASKED too few, mostly rrele time

STIONS ASKED too few, mostly rrelevant	ОРРО	SITION (SPEECH) understanding of presentation	topics raised and their	own opinions	time management	
relevant, aimed at resolving	0 -	almost nothing	almost none .	too few	₹ poor	
unclear points in the report	1	some main points	too few/many	some	reasonable	
+ short, apt and clear, we prioritised, all time used	2 -	main points	partially relevant	some correct	fair	
prioritised, all time used	2	all relevant points	mostly relevant	many correct	efficient	
S:	4	practically all points	+ well prioritised	+ improvement suggestions	+ all time used	

ISC	CUSSION WITH REPO	RTER			
	topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion		
	almost none	too few	poor/aggressive		
	too few/many	₹ some	some aspects fine		
	partially relevant	some correct	good		
	mostly relevant	many correct	some aspects efficient		
	+ well prioritised	+ improvement suggestions	overall efficient		

AN	ANSWERS TO JURY and					
REV	REVIEWER'S QUESTIONS					
0	concise and correct or no questions asked					
à -	some incorrect, inconclusive or too long					
ž	deeply incorrect or shows deep misconceptions					

o point on grof with ted /blee

REVIEWER	Sta

art 250m 1 and ado/subtract

1	+ 1,5	+ 4.5	-915	+ (165	) ± 0	<b>-</b> b	= 7

		dist. brow. (23
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_	-		(,,
C	UE	STIONS ASKED	RE
0	Ţ	too few, mostly relevant	ı
	4	relevant, meant to clarify unclear points	01
Ţ	^	+ suitably allotted to Rep ≩ Opp, most time used	1
	1	+ short, ant and clear, well prioritised	20

time managed efficiently

	evaluation & understanding	pros & cons prioritisation irrelevant		
	poor/wrong			
	superficial	partially relevant/correct		
4	good	mostly correct/prioritised		
	apt, accurate	fully adequate, well prioritised		

	speech evaluation	pros & cons prioritisation
	poor/wrong	irrelevant
	superficial	partially relevant/correct
8	good	mostly correct/prioritised
	apt & accurate	fully adequate, well prioritised

IS	CUSSION AN	ALYSIS	MISS
	discussion evaluation	correct own op nions	POIN
	роог	irrelevant	-1
	superficial	some	127
3	relevant parts	many	193
	accurate, convinicing	fully adequate	I

SED POINTS	ANSWERS TO JURY			
NTED OUT	QUESTIONS			
irrelevant	concise and correct or no questions asked			
none	some incorrect,			
relevant,	inconclusive or too long			

constructive

NOTES:

NOTES:

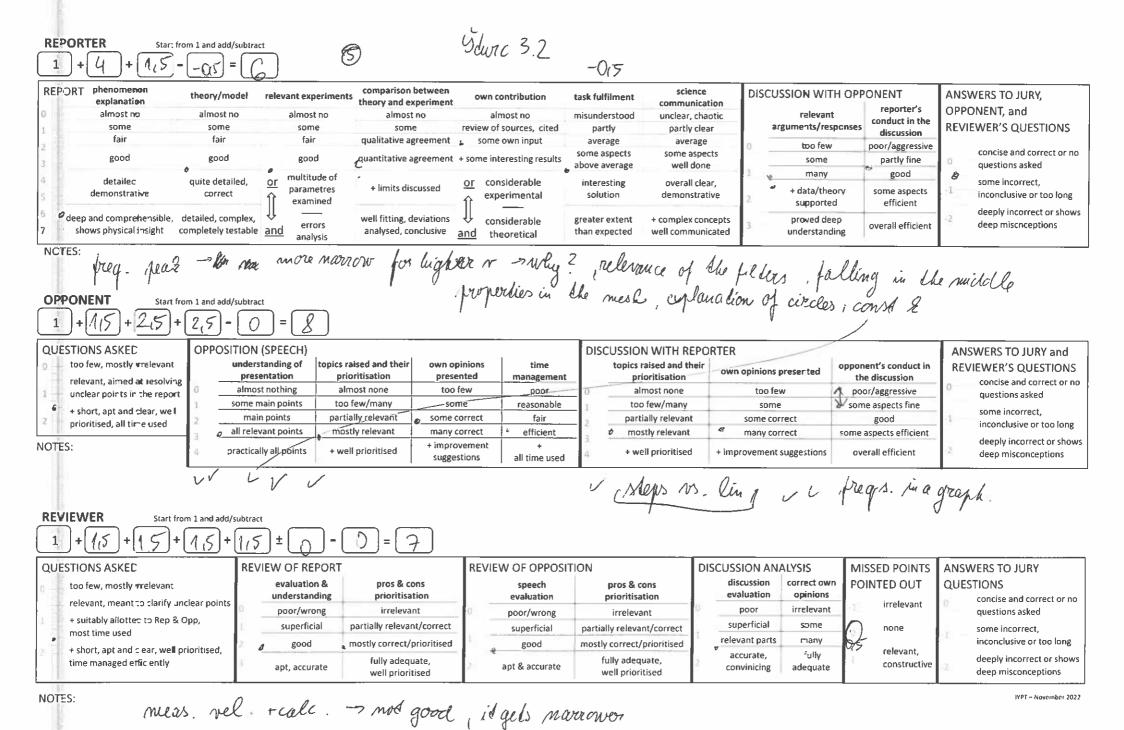
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deeply incorrect or shows

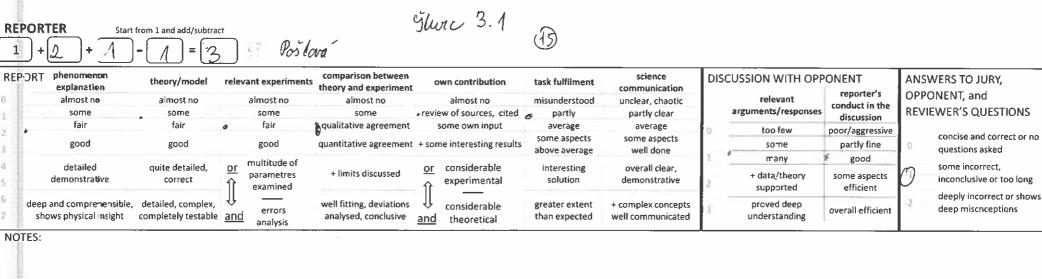
deep misconceptions

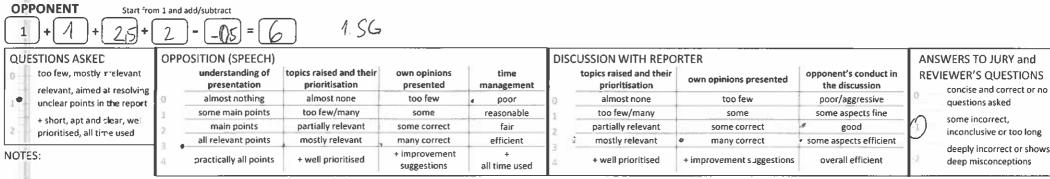
pressed sand after flathering

Please, suitably adjust your grades taking into regard the [1,10] lange.



Please, suitably adjust your grades taking into regard the [1,10] range.





what is amound 222 (slide 9)

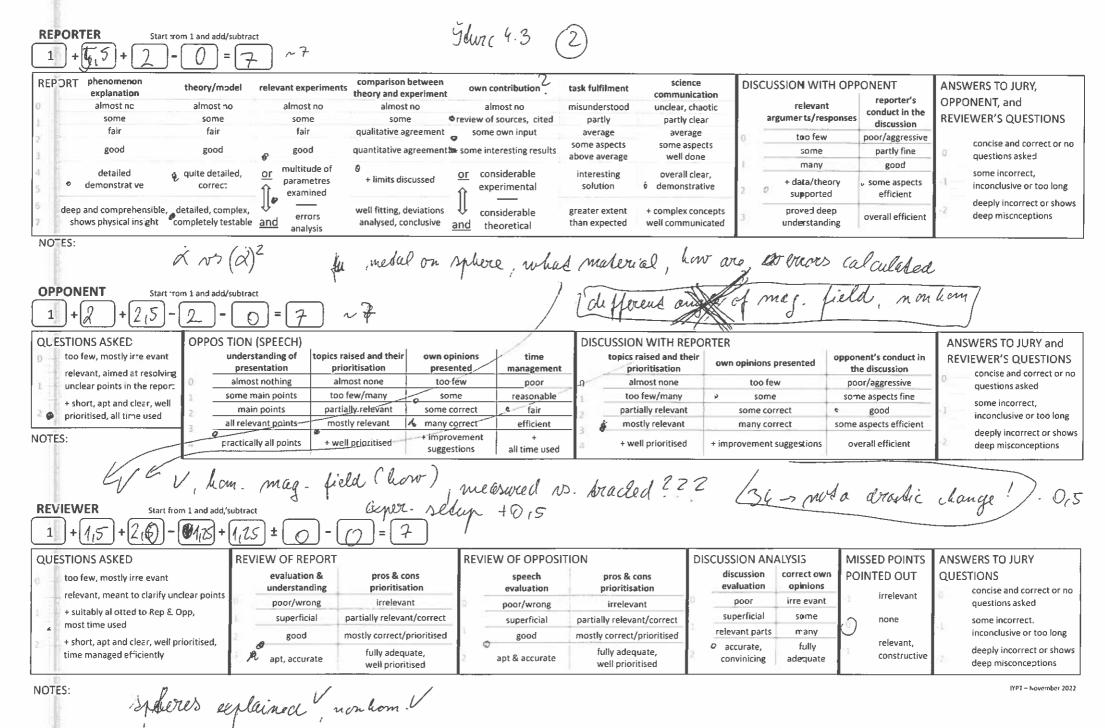
REVIEWER (),	Start from 1 and adc/subtract	
1 + 1/1/6 +	2+(15)+(15) ± 1 - 0 = Q	Ba Mix

QUESTIONS ASKED	REVIEW OF REPORT	•	REVIEW OF OPPOSIT	ION	DISCUSSION ANA	ALYSIS	MISSED POINTS	ANSWERS TO JURY
too few, mostly r-elevant	evaluation & understanding	pros & cons prioritisation	speech evaluation	pros & cons prioritisation	discussion evaluation	correct own opinions	POINTED OUT	QUESTIONS  concise and correct or no
relevant, meant to clarify unclear points	poor/wrong	irrelevant	poor/wrong	irrelevant	0 poor	irrelevant	irrelevant	questions asked
+ suitably allotted to Rep & Opp, most time used	superficial	partially relevant/correct	superficial	partially relevant/correct	superficial	some	none	some incorrect,
+ short, apt and clear, well prioritised,	2 good	mostly correct/prioritised	good	mostly correct/prioritised	relevant parts	many	relevant,	inconclusive or too long
time managed efficiently	apt, accurate	fully adequate, well prioritised	2 apt & accurate	fully adequate, well prioritised	accurate, convinicing	ful y adequate	constructive	deeply incorrect or shows deep misconceptions

NOTES:

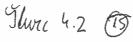
centrif. force

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Please, suitably adjust your grades taking into regard the (1,10) range





TRC	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCU	ISSION WITH OPP	5	ANSWERS TO JURY,
	almost no	almost no	almost no	almost no	almost no	misunderstood	unclear, chaotic	1	relevant	reporter's conduct in the	OPPONENT, and
40	some	some	some	some	review of sources, cited	partly	partly clear	a	rguments/responses	discussion	REVIEWER'S QUESTION
	fair	fair	fair	qualitative agreement	some own input	average	average	0. :-	too few	poor/aggressive	
	good	good	e good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done		some	partly fine	concise and correct questions asked
			multitude of					1	many	good	
	detailed demonstrative	quite detailed, correct	or parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	2	+ data/theory supported	some aspects efficient	some incorrect, inconclusive or too
		detailed, complex, completely testable	and errors	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	3	proved deep understanding	overall efficient	deeply incorrect or shows deep miscnceptions

liquid-corobation, solid-audinobation, Corribinos phare bransition, 24-opaine

**OPPONENT** 

Start from 1 and add/subtract

Start from 1 and add/subtract

QUESTION	IS ASKED
----------	----------

too few, mostly irrelevant relevant, aimed at resolving unclear points in the report + short, apt and clear, well prioritised, all time used

NOTES:

PPC	SITION (SPEECH)			
	understanding of presentation	topics raised and their prioritisation	own opinions presented	time management
	almost nothing	almost none	too few	poor
	some main points	too few/many	some	reasonable
	main points	partially relevant	f some correct	fair
Ł	all relevant points	mostly relevant	many correct	efficient
	practically all points	* + well prioritised	+ improvement suggestions	+ all time used

DISCUSSION	WITH	REPORTER	

t	opics raised and their prioritisation	ow	rn opinions presented		nent's conduct in he discussion
	almost none		too few	ро	oor/aggressive
	too few/many		some	SOI	me aspects fine
	partially relevant		some correct	6	good
	mostly relevant		many correct	some	aspects efficient
	+ well prioritised	+ im	provement suggestions	0,	verall efficient

#### ANSWERS TO JURY and **REVIEWER'S QUESTIONS**

concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or shows deep misconceptions

oy -> Convolis doesn't exist, does centry. east?
Gonly in rod. fr. of ref.

## QUESTIONS ASKED

+ 15

REVIEWER

too few, mostly irrelevant relevant, meant to clarify unclear points

+ suitably allotted to Rep & Opp, most time used

+ short, apt and clear, well prioritised, time managed efficiently

REVIE	W OF REPORT	•
	evaluation & understanding	pros & cons prioritisation
0	poor/wrong	irrelevant
1	superficial	partially relevant/correct
2: ,	good	mostly correct/prioritised
3	apt, accurate	fully adequate, well prioritised

REVIE	W OF OPPOSIT	TION
	speech evaluation	pros & cons prioritisation
0	poor/wrong	irrelevant
	superficial	partially relevant/correct
1	good	mostly correct/prioritised
2 0	apt & accurate	fully adequate, well prioritised

DIS	CUSSION ANA	ALYSIS
	discussion evaluation	correct own opinions
	poor	irrelevant
	superficial	some
	relevant parts	many
ž	accurate, convinicing	ful y adequate

MISSED POINTS				
POIN	TED OUT			
-1	irrelevant			
	none			
1	relevant, constructive			

ANSWERS TO JURY					
QUESTIONS					
	concise and correct or no questions asked				
1	some incorrect, inconclusive or too long				

deeply incorrect or shows

deep misconceptions

NOTES:

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Tourc 4.1

(1Z)

REPORTER

Start from 1 and add/subtract

1 + 2 5 + 45 - 0 = 5

TACGE	phenomenon explanation	theory/model	relev	ant experiments	comparison between theory and experiment	0	wn contribution	task fulfilment	science communication
	almost ne	almost no		almost no	almost no		almost no	misunderstood	unclear, chaotic
12	some	some		some	some	revie	ew of sources, cited	partly	partly clear
1	fair	fair		fair	qualitative agreement		some own input	average	average
	good	• good		good	quantitative agreement	son	ne interesting results	<ul> <li>some aspects</li> <li>above average</li> </ul>	some aspects well done
4	detailed demonstrative	quite detailed, correct	<u>or</u> 11̀	multitude of parametres examined	+ limits discussed	<u>or</u> ☆	considerable experimental	interesting solution	overall clear, demonstrative
	and comprenensible, ows physical ns ght	detailed, complex, completely testable	↓ and		well fitting, deviations analysed, conclusive	<b>↓</b> <u>and</u>	considerable theoretical	greater extent than expected	+ complex concepts well communicated

DI:	ISCUSSION WITH OPPONENT				
	relevant arguments/responses	reporter's conduct in the discussion			
03	too few	poor/aggressive			
	some	partly fine			
1	many	good			
2	+ data/theory supported	some aspects efficient			
3	proved deep understanding	overall efficient			

	OPPONENT, and					
	REVIEWER'S QUESTIONS					
	concise and correct or no questions asked					
-	some incorrect,					

inconclusive or too long deeply incorrect or shows deep miscnceptions

ANSWERS TO JURY,

Proce chain (2): 21 graphs (22,23,74), bollenel x, locking phase brans. x, graphs x lumidity opponent start on 1 and add/subtract

1)+(15)+(15)-(015)+(015)=5

QUESTIONS	ASKED
-----------	-------

too few, mostly irrelevant relevant, aimed at resolving unclear points in the report + short, apt and clear, well prioritised, all time used

		4	
N	OT	ES	:

understanding of presentation	topics raised and their prioritisation	own opinions presented	time management
almost nothing	almost none	too few	poor
some main points	too few/many	some	reasonable
main points	partially relevant	a some correct	fair
all relevant points	mostly relevant	many correct	efficient
practically all points	+ well prioritised	+ improvement suggestions	+ all time used

topics raised and their prioritisation	own opinions presented	opponent's conduct i the discussion
almost none	too few	poor/aggressive
too few/many	€ some	a some aspects fine
partially relevant	some correct	good
mostly relevant	many correct	some aspects efficien
+ well prioritised	+ improvement suggestions	cverall efficient

Į	ANSWERS 10 JURY and					
ĺ	REVIEWER'S QUESTIONS					
	concise and correct or no questions asked					
	some incorrect, inconclusive or too long					
	deeply incorrect or shows					

This to water to measure the volume 222

REVIEWER Start from 1 and add/subtract  $1 + 4.5 + 4.5 - 4.5 + 4.5 \pm 0 - 6 = 7$ 

pals+ pears to boddleneds

#### QUESTIONS ASKED

too few, mostly irrelevant relevant, meant to clarify unclear points

- + suitably a lotted to Rep & Opp, most time used
- + short, apt and clear, well prioritised, time managed eff ciently

REV	IEW OF REPORT	•
	evaluation & understanding	pros & cons prioritisation
0	poor/wrong	irrelevant
1	superficial	partially relevant/correct
Zή	good	mostly correct/prioritised
3	apt, accurate	fully adequate, well prioritised

RE	VIEW OF OPPOSIT	ION	
	speech evaluation	pros & cons prioritisation	
10	poor/wrong	irrelevant	
	superficial	partially relevant/correct	
1	good	mostly correct/prioritised	
2	apt & accurate	fully adequate, well prioritised	

DISCUSSION ANALYSIS			
	discussion evaluation	correct own opinions	
	poor	irrelevant	
	superficial	some	
	relevant parts	many	
	<ul> <li>accurate, convinicing</li> </ul>	fully adequate	

MISS	ED POINTS	
POINTED OUT		
-1	irrelevant	
0	none	
-	relevant,	
1.2	constructive	

ANS	WERS TO JURY
QUE	STIONS
Ú	concise and correct or no questions asked
	some incorrect, inconclusive or too long

deeply incorrect or shows deep misconceptions

NOTES:

Grov-gramilas

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Katarina Rendha'

4 FYZBOJ ( 3 KOLO



E₽ORT	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication
	almost re	almost no	almost no	almost no 🥥	almost no	misunderstood	unclear, chaotic
18	some	some	some	some 🚡	review of sources, cited	partly	partly clear
8	fair	fair	fair	qualitative agreement	some own input	average	average
	good	good	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done
0	detailed demonstrative	quite detailed, correct	or multitude of parametres examined	+ limits discussed 👩	or considerable experimental	interesting solution	overall clear, demonstrative
	p and comprenensible, hows physical insight	detailed, complex, completely testable	- errors	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated

ı	DISC	USSION WITH OPP	ONENT
		relevant arguments/responses	reporter's conduct in the discussion
ı	0	too few	poor/aggressive
ı		some	partly fine
ĺ	1	many	good
1	2 (	+ data/theory supported	some aspects efficient
	3	proved deep understanding	overall efficient

ANSWERS TO JURY,
OPPONENT, and
REVIEWER'S QUESTIONS

concise and correct or no questions asked some incorrect, inconclusive or too long

> deeply incorrect or shows deep miscnceptions

NOTES:

NOTES:

**OPPONENT** Start from 1 and add/subtract

Oil Oil City	ii I alia add/subtract
1 + 15 + 25 - (	310 - = +
QUESTIONS ASKED	OPPOSITION (SPEECH)

STIONS ASKED	OPP
too few, mostly irre evant	
relevant, aimed at resolving unclear points in the report	0
+ short, apt and clear, well prioritised, all time used	2
· C.	3

	understanding of presentation	topics raised and their prioritisation	own opinions presented	time management
	almost nothing	almost none	too few	poor
^	some main points	too few/many	some	reasonable
V	main points	partially relevant	some correct	fair
	all relevant points	mostly relevant	many correct	efficient
	practically all points	+ well prioritised	+ improvement suggestions	+ all time used

CUSSION WITH REPO	RTER	
topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion
almost none	too few	poor/aggressive
too few/many	some	some aspects fine
partially relevant	some correct	good
p mostly relevant	many correct	some aspects efficient
+ well prioritised	+ improvement suggestions	overall efficient

	U ,
t C	ime dependance on angle our partson offerny vs. data
t in	ANSWERS TO JURY and REVIEWER'S QUESTIONS concise and correct or no questions asked
-	some incorrect, inconclusive or too long
ent_	deeply incorrect or shows deep misconceptions

REVIEWER	Start from 1 and add/subtract	
1 + 2 +	+ 1 + 1 ± 1 - =	<b>4</b> 7

QUE	STIONS ASKED	REV
ė i	too few, mostly irre evant	
	relevant, meant to clarify unclear points	D
1	+ suitably al otted to Rep & Opp, most time used	1
2 0	+ short, apt and clear, well prioritised,	2
	time managed efficiently	3

IEW OF REPORT	
evaluation & understanding	pros & cons prioritisation
poor/wrong	irrelevant
superficial	partially relevant/correct
boog	mostly correct/prioritised
apt, accurate	fully adequate, well prioritised

REV	IEW OF OPPOSIT	TON	D
	speech evaluation	pros & cons prioritisation	
0	poor/wrong	irrelevant	0
	superficial	partially relevant/correct	Ι,
1	good	mostly correct/prioritised	Ĺ
2	apt & accurate	fully adequate, well prioritised	2

discussion evaluation	correct own opinions
poor	irre evant
superficial	some
Prelevant parts	3 many
accurate,	fully
convinicing	adequate

		D POINTS
PC	OIN	TED OUT
		irrelevant
	Q	none
	1	relevant, constructive

S	ANSWERS TO JURY
	QUESTIONS
	concise and correct or no questions asked
	some incorrect. inconclusive or too long
- 1	deeply incorrect or shows

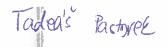
NOTES:

how the hall was

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deep misconceptions





 Katarina Revicea 4. Fyzboj, 1 Eslor

ORT	phenomenon explanation	theory/model	relev	ant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DIS	CUSSION WITH OPP	ONENT reporter's		WERS TO JURY,
Ĺ	almost no	almost no		almost no	almost no	almost no	misunderstood	unclear, chaotic	1	relevant	conduct in the	OPP	ONENT, and
	some	→ some		some		review of sources, cited	partly	partly clear	1	arguments/responses	discussion	REV	IEWER'S QUESTIONS
9	fair	<b>ს</b> fair		fair	qualitative agreement	some own input		average	0	too few	poor/aggressive		
	good	good	10	good	quantitative agreement	+ some interesting results	some aspects above average	well done	1	some	partly fine	0	concise and correct or questions asked
(	detailed demonstrative	quite detailed, correct	or Ĥ	multitude of parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	2	+ data/theory supported	some aspects efficient	-1	some incorrect, inconclusive or too long
	nd comprehensible, ws physical insight	detailed, complex, completely testable	auq ↑	errors analysis	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	3	proved deep understanding	overall efficient	2	deeply incorrect or sho deep miscoceptions

WOTES.

0	PPONENT Start from	75	add/subtract								
Q	UESTIONS ASKED	OPPO	OSITION (SPEECH)				DIS	CUSSION WITH REPO	RTER		ANSWERS TO JURY and
0	too few, mostly irrelevant		understanding of presentation	topics raised and their prioritisation	own opinions presented	time management		topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion	REVIEWER'S QUESTIONS
1.	unclear points in the report	0	almost nothing	almost none	too few	poor	0	almost none	too few	poor/aggressive	questions asked
7.0	W .	1	some main points	too few/many	some	reasonable	1	too few/many	some	some aspects fine	some incorrect,
2	+ short, apt and cear, well prioritised, all time used	2 -	main points	partially relevant	some correct	fair		partially relevant	some correct	∆ good	inconclusive or too long
	prioritised, all time used	2 1	all relevant points	mostly relevant	many correct	efficient		mostly relevant	many correct	ome aspects efficient	· ·
NO - Oxb	otes:	4	practically all points	+ well prioritised	+ improvement suggestions	+ all time used	4	+ well prioritised	+ improvement suggestions	overall efficient	deeply incorrect or shows deep misconceptions
- oll	erimental del					····					

1 + (15) + (2) +	2+	15	] ± 🕠 -	1 = 17											_
QUESTIONS ASKED		REVIE	EW OF REPORT		REVI	EW OF OPPOSIT	ION	DIS	CUSSION ANA	ALYSIS	MISS	ED POINTS	ANS۱	WERS TO JURY	
too few, mostly irrelevant			evaluation & understanding	pros & cons prioritisation		speech evaluation	pros & cons prioritisation		discussion evaluation	correct own opinions	POIN	TED OUT	QUES	STIONS concise and correct or no	
relevant, meant to c arify un	· · ·	0	poor/wrong	irrelevant	0	poor/wrong	irrelevant	G	poor	irrelevant	(2)	irrelevant		questions asked	
+ suitably allotted to Rep & o	Орр,	1	superficial	partially relevant/correct		superficial	partially relevant/correct	J,	superficial	some	8	none	29	some incorrect,	
+ short, apt and clear, well p	nciociticad	2 0	good	mostly correct/prioritised	i	good	mostly correct/prioritised	1	erelevant parts	1		relevant,	1.0	inconclusive or too long	
time managed efficiently	prioritiseu,	3	apt, accurate	fully adequate, well prioritised	2 0	apt & accurate	fully adequate, well prioritised	2	accurate, convinicing	fully adequate	1	constructive	i,	deeply incorrect or shows deep misconceptions	

NOTES:

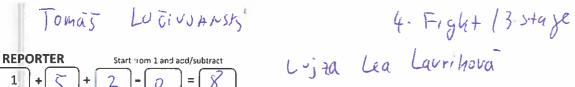
REVIEWER

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Start from 1 and add/subtract

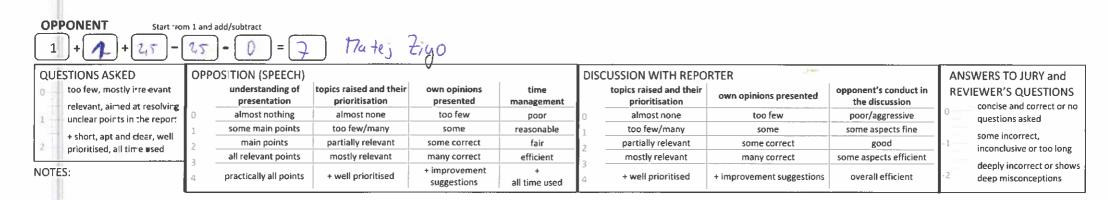
Katan'na Kevicka' 4 FYEBOJ, 1 Kolo-12-Rice Retteebell Start from 1 and add/subtract phenomenon REPORT comparison between science DISCUSSION WITH OPPONENT ANSWERS TO JURY, theory/model relevant experiments own contribution task fulfilment explanation theory and experiment communication reporter's OPPONENT, and almost no almost no almost no almost no almost no misunderstood unclear, chaotic relevant conduct in the argumer ts/responses **REVIEWER'S QUESTIONS** some some some some review of sources, cited partly partly clear discussion fair fair fair qualitative agreement 9 some own input average average poor/aggressive too few + some interesting results @above average some aspects concise and correct or no some aspects good good good duantitative agreement some partly fine questions asked well done many good multitude of detailed quite detailed, or some incorrect, considerable interesting overall clear, + limits discussed ) parametres + data/theory some aspects demonstrat ve correct inconclusive or too long experimental **Solution** demonstrative examined supported efficient deeply incorrect or shows deep and comprehensible, detailed, complex, well fitting, deviations proved deep considerable greater extent + complex concepts deep miscnceptions overall efficient errors shows physical insight completely testable and analysed, conclusive well communicated understanding and than expected theoretical analysis NOTES: depth of **OPPONENT** Start from 1 and add/subtract QUESTIONS ASKED OPPOSITION (SPEECH) DISCUSSION WITH REPORTER ANSWERS TO JURY and too few, mostly irrelevant understanding of topics raised and their own opinions time topics raised and their opponent's conduct in **REVIEWER'S QUESTIONS** own opinions presented presentation prioritisation presented management prioritisation the discussion n concise and correct or no relevant, aimed at resolving almost nothing almost none too few роог almost none too few poor/aggressive unclear points in the report questions asked some main points too few/many some reasonable too few/many some some aspects fine + short, apt and clear, well some incorrect, partially relevant main points some correct fair partially relevant some correct good prioritised, all time used inconclusive or too long all relevant points mostly relevant many correct efficient mostly relevant many correct some aspects efficient deeply incorrect or shows + improvement practically all points + well prioritised + well prioritised + improvement suggestions cverall efficient malinial > relevente deep misconceptions suggestions all time used changed more parameters at once. REVIEWER Start from 1 and add/subtract QUESTIONS ASKED **REVIEW OF REPORT** REVIEW OF OPPOSITION **DISCUSSION ANALYSIS** MISSED POINTS ANSWERS TO JURY discussion evaluation & pros & cons correct own POINTED OUT QUESTIONS speech pros & cons too few, mostly irrelevant prioritisation evaluation opinions understanding evaluation prioritisation concise and correct or no relevant, meant to clarify unclear points irrelevant irre evant poor/wrong irrelevant poor questions asked irrelevant poor/wrong + suitably al otted to Rep & Opp, superficial superficial partially relevant/correct same superficial partially relevant/correct none some incorrect. most time used relevant parts many inconclusive or too long good mostly correct/prioritised amostly correct/prioritised good + short, apt and clear, well prioritised. relevant. accurate, fully deeply incorrect or shows fully adequate, fully adequate, time managed efficiently constructive convinicing apt, accurate apt & accurate adequate deep misconceptions well prioritised well prioritised NOTES: prioridización IVPT - Mountmber 2022

Problem 2



DRT	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH OPP		ANSWERS TO JURY,
	almost no	almost no	almost no	almost no	almost no	misunderstood	unclear, chaotic	relevant	reporter's	OPPONENT, and
	some	some	some	some	review of sources, cited	partly	partly clear	arguments/responses	conduct in the discussion	REVIEWER'S QUESTIO
	fair	fair	fair	qualitative agreement	some own input	average	average	() too few	poor/aggressive	
	good	good	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done	some	partly fine	concise and correct or guestions asked
	1		multitude of					1 many	good	
	detailed demorstrative	quite detailed, correct	parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	+ data/theory 2 supported	some aspects efficient	some incorrect, inconclusive or too
	and comprenersible, ws physical maight	detailed, complex, completely testable	and errors analysis	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	groved deep understanding	overall efficient	deeply incorrect or deep miscnception

NOTES:



REVIEWER Start from 1 and add/s	subtract										
1 + 1 + 2 - 1 +	1 ± 0 -	0=6	Ka	rol Mar	ini cq						
QUESTIONS ASKED	REVIEW OF REPORT	•	REV	IEW OF OPPOSIT	TION	DIS	CUSSION ANA	ALYSIS	MIŞ	SED POINTS	ANSWERS TO JURY
too few, mostly irre evant	evaluation & understanding	pros & cons prioritisation		speech evaluation	pros & cons prioritisation		discussion evaluation	correct own opinions	POII	NTED OUT	QUESTIONS concise and correct or no
relevant, meant to darify unclear points	poor/wrong	irrelevant	0.	poor/wrong	irrelevant	0	poor	irrelevant	41 =	irrelevant	questions asked
+ suitably allotted to Rep & Opp,	superficial	partially relevant/correct		superficial	partially relevant/correct	١,	superficial	some	'n	none	some incorrect,
+ short, apt and dear, well prioritised,	2 good	mostly correct/prioritised	1	good	mostly correct/prioritised	ı.	relevant parts	many			inconclusive or too long
time managed efficiently	apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	2	accurate, convinicing	fully adequate	1	relevant, constructive	deeply incorrect or shows deep misconceptions

NOTES:

**REVIEWER** 

tYPT - November 2022

Tomas Lozivjansty

4. Fight 12-5+age

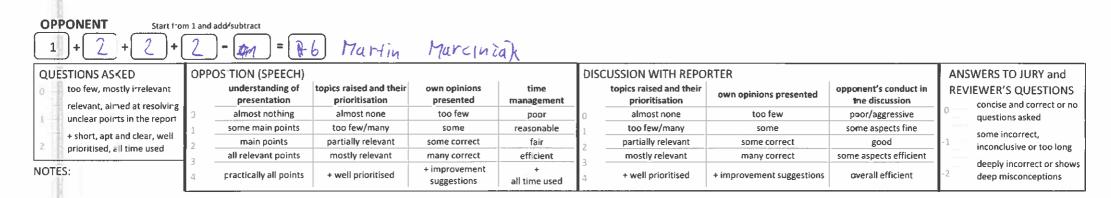
Probler 15

REPORTER Start from 1 and add/subtract

1 + 2 + 0 - 0 = 3 Tadas Pastorek

TAC	phenomenon explanation	tneory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH OPP	ONENT	ANSWERS TO JURY,
	almost no	almost ro	almost no	almost no	almost no	misunderstood	unclear, chaotic	relevant	reporter's conduct in the	OPPONENT, and
	some	some	some	some	review of sources, cited	partly	partly clear	arguments/responses	discussion	REVIEWER'S QUESTIOI
	far	fair	fair	qualitative agreement	some own input	average	average	0 too few	poor/aggressive	
	good	good	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done	some	partly fine	concise and correct questions asked
			multitude of					many	good	
	detailed demonstrative	quite deta led, correc	or parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	+ data/theory supported	some aspects efficient	some incorrect, inconclusive or too
		detailed, complex, completely testable	and errors analysis	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	proved deep understanding	overall efficient	deeply incorrect or deep miscnception

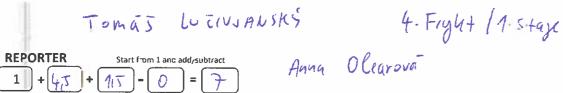
NOTES:



REVIEWER Start from 1 and add	subtract							
1+2+2+1+	1 ± 1 -	1 = 7	Marian	Koval				
QUESTIONS ASKED	REVIEW OF REPORT	Г	REVIEW OF OF	POSITION	DISCUSSION AN	ALYSIS	MISSED POINTS	ANSWERS TO JURY
too few, mostly irrelevant	evaluation & understanding	pros & cons prioritisation	speec evaluati	1 '	discussion evaluation	correct own opinions	TUO DATNICA	QUESTIONS concise and correct or no
relevant, meant to clarify unclear points	poor/wrong	irrelevant	poor/wr	ong irrelevant	0 poor	irrelevant	irrelevant	questions asked
+ suitably al otted to Rep & Opp,	superficial	partially relevant/correct	superfic	ial partially relevant/correct	superficial	some	none	some incorrect,
most time used	good	mostly correct/prioritised	good	mostly correct/prioritised	relevant parts	many	80	inconclusive or too long
+ short, apt and clear, well pricritised, time managed efficiently	apt, accurate	fully adequate, well prioritised	2 apt & acci	fully adequate	accurate, convinicing	fully adequate	relevant, constructive	deeply incorrect or shows deep misconceptions

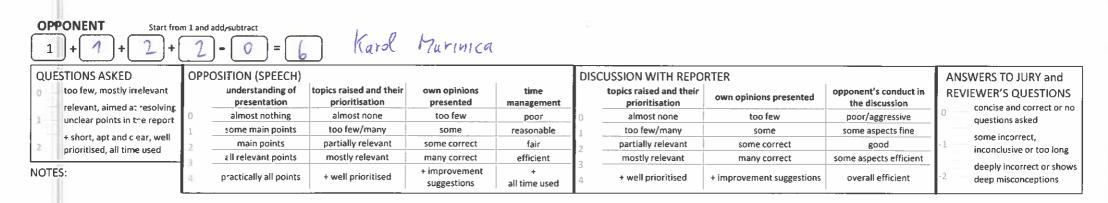
NOTES:

IYPT - November 2022

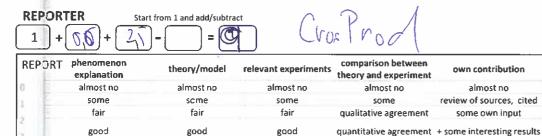


EPORT	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH OPP		ANSWERS TO JURY,
	almost no	almost no	almost no	almost no	almost no	misunderstood	unclear, chaotic	relevant	reporter's	OPPONENT, and
	some	some	some	some	review of sources, cited	partly	partly clear	arguments/responses	conduct in the discussion	REVIEWER'S QUESTIONS
	fa r	fair	fair	qualitative agreement	some own input	average	average	0 too few	poor/aggressive	
	bcog	good	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done	some	partly fine	concise and correct or no questions asked
	dea-West	26 1 4 2 1	multitude of			_		1 талу	good	•
ļ	detailed demonstrative	quite detai ed, correct	parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	+ data/theory 2 supported	some aspects efficient	some incorrect, inconclusive or too long
		detailed, complex, completely testable	. errors	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	3 proved deep understanding	overall efficient	deeply incorrect or shows deep miscnceptions

NOTES:



REV 1	Start from 1 and add/s	± 7 -	0 = 8	Ma	rtin Mi	<del>c</del> och						
QUE	STIONS ASKED	REVIEW OF REPORT		RE∖	IEW OF OPPOSIT	rion	DIS	CUSSION ANA	ALYSIS	MISS	SED POINTS	ANSWERS TO JURY
0	too few, mostly irrelevant	evaluation & understanding	pros & cons prioritisation		speech evaluation	pros & cons prioritisation		discussion evaluation	correct own opinions	POIN	ITED OUT	QUESTIONS concise and correct or no
		poor/wrong	irrelevant	G.	poor/wrong	irrelevant	0	poor	irrelevant	irrelevant	questions asked	
1 1	+ suitably allotted to Rep & Opp, most time used	superficial	partially relevant/correct		superficial	partially relevant/correct		superficial	some	ă.	none	some incorrect,
		good	mostly correct/prioritised	1	good	mostly correct/prioritised	10	relevant parts	many			inconclusive or too long
2	+ short, apt and clear, well prioritised, time managed effic ently	apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	2	accurate, convinicing	fully adequate	£.	relevant, constructive	deeply incorrect or shows deep misconceptions



quite detailed,

correct

Start from 1 and add/subtract

completely testable and

multitude of

parametres

examined

errors

analysis

or

CHRARE CAURILLOIN

task fulfilment

misunderstood

partly

average some aspects

above average

interesting

solution

greater extent

than expected

own contribution

almost no

review of sources, cited

some own input

or considerable

and

experimental

considerable

theoretical

science communication	DISC
unclear, chaotic	
partly clear	
average	n -
some aspects well done	3 -
overall clear, demonstrative	2
+ complex concepts well communicated	3

ISCUSSION WITH OPP	ONENT
relevant arguments/responses	reporter's conduct in the discussion
too few	poor/aggressive
some	partly fine
many	good
+ data/theory supported	some aspects efficient
proved deep understanding	overall efficient

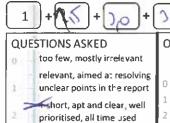
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ANSWERS TO JURY,
OPPONENT, and
REVIEWER'S QUESTIONS
concise and correct or n

questions asked some incorrect, inconclusive or too long deeply incorrect or shows deep miscncept ons

NOTES:

**OPPONENT** 



detailed

demonstrative

shows physical insight

detailed, comprehensible, detailed, complex,

OPP	OSITION (SPEECH)			
	understanding of presentation	topics raised and their prioritisation	own opinions presented	time management
0	almost nothing	almost none	too few	poor
1	some main points	too few/many	some	reasonable
2	main points	partially relevant	some correct	fair
3	all relevant points	mostly relevant	manycorrect	efficient
3			+ improvement	+

+ well prioritised

+ limits discussed

well fitting, deviations

analysed, conclusive

DISC	DISCUSSION WITH REPORTER								
	topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion						
0	almost none	too few	poor/aggressive						
1	too few/many	some	some aspects fine						
2	partially relevant	some correct	good						
2	mostly relevant	many correct	some aspects efficient						
4	+ well prioritised	+ improvement suggestions	overall efficient						

	ANSWERS TO JURY and						
	REVIEWER'S QUESTIONS						
-	concise and correct or no questions asked						
	$_{-1} = rac{ ext{some incorrect,}}{ ext{inconclusive or too long}}$						
-	deeply incorrect or shows						

whomy pole

all time used

suggestions

#### REVIEWER

NOTES:

Start from 1 and add/subtract

1	+[10]	+ 45	)+(7/7)+	(1/1/2) ±		-	=	6
---	-------	------	----------	-----------	--	---	---	---

practically all points

QUESTIONS ASKED
-----------------

too few, mostly irrelevant relevant, meant to clarify unclear points suitably allotted to Rep & Opp, most time used + short, apt and clear, well prioritised, time managed efficiently

REVIEW OF REPORT						
	evaluation & understanding	pros & cons prioritisation				
0	poor/wrong	irrelevant				
1	superficial	partially relevant/correct				
2	good	mostly correct/prioritised				
3	apt, accurate	fully adequate, well prioritised				

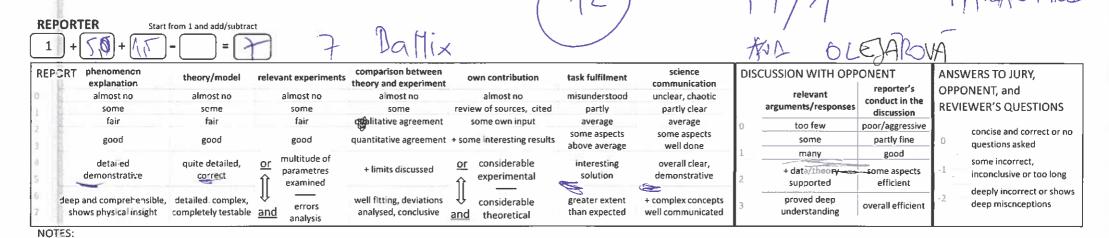
EVIE	W OF OPPOSIT	FION		
	speech evaluation	pros & cons prioritisation		
	poor/wrong	irrelevant  partially relevant/correct		
0	superficial			
	good	mostly correct/prioritised		
	apt & accurate	fully adequate, well prioritised		

DIS	CUSSION AN	ALYSIS	П
	discussion evaluation	correct own opinions	ľ
0	poor	irrelevant	ŀ
	superficial	some	L
1	relevant parts	many	ľ
2	accurate, convinicing	fully adequate	

MIS	AN	
POII	Qυ	
1	irrelevant	0
0	none	Ī.
10	relevant,	5

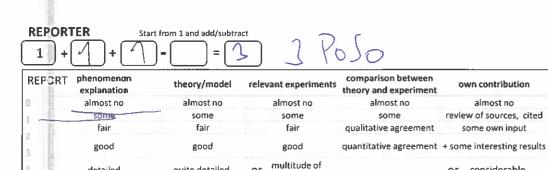
ANSWERS TO JURY	ANSWERS TO JURY					
QUESTIONS	QUESTIONS					
concise and correct or questions asked	no					

some incorrect, inconclusive or too long deeply incorrect or shows deep misconceptions



OPPONENT Start from	OPPONENT Start from 1 and add/subtract  1 + 1 + 2 + 1 - = 6  VARUL MARULICA									
QUESTIONS ASKED	OPPOSITION (SPEECH)				DIS	CUSSION WITH REPO	RTER		ANSWERS TO JURY and	
too few, mostly irrelevant	understanding of presentation	topics raised and their prioritisation	own opinions presented	time management		topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion	REVIEWER'S QUESTIONS	
unclear points in the report	6 almost nothing	almost none	too few	poor	0	almost none	too few	poor/aggressive	0 questions asked	
	1 some main points	too few/many	some	reasonable	1	too few/many	some	some aspects fine	some incorrect,	
short, apt and clear, well	2 main points	partially relevant	some correct	fair	2	partially relevant	some correct	good	inconclusive or too long	
prioritised, all time used	all relevant points	mostly relevant	many correct	efficient	1,	mostly relevant	many correct	some aspects efficient	_	
NOTES:	4 practically all points	+ well prioritised	+ improvement suggestions	+ all time used	4	+ well prioritised	+ improvement suggestions	overall efficient	deeply incorrect ar shows deep misconceptions	

ubtract										
±	= 8		8							
REVIEW OF REPORT		REV	IEW OF OPPOSIT	ION	DIS	CUSSION ANA	ALYSIS	MISS	ED POINTS	ANSWERS TO JURY
evaluation & understanding	pros & cons prioritisation		speech evaluation	pros & cons prioritisation		discussion evaluation	correct own opinions	POIN		QUESTIONS concise and correct or no
poor/wrong	irrelevant	0	poor/wrong	irrelevant	G	poor	irrelevant	-1	irrelevant	questions asked
superficial	partially relevant/correct		superficial	partially relevant/correct		superficial	some	90	none	some incorrect,
y good	mostly correct/prioritised	1	eood	mostly correct/prioritised	1	relevant parts	many	No.		inconclusive or too long
apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	2	accurate, convinicing	fully adequate	)/	relevant, constructive	deeply incorrect or shows deep misconceptions
	REVIEW OF REPORT evaluation & understanding poor/wrong superficial good	REVIEW OF REPORT  evaluation & pros & cons understanding prioritisation  poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised  ant accurate fully adequate,	REVIEW OF REPORT  evaluation & pros & cons prioritisation  poor/wrong irrelevant  superficial partially relevant/correct  good mostly correct/prioritised  ant accurate fully adequate,	REVIEW OF REPORT  evaluation & pros & cons understanding prioritisation  poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised  ant accurate fully adequate,  ant accurate	REVIEW OF REPORT  evaluation & pros & cons understanding prioritisation  poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised  ant accurate fully adequate,  ant & accurate  REVIEW OF OPPOSITION  speech pros & cons evaluation prioritisation prioritisation poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised fully adequate,	REVIEW OF REPORT  evaluation & pros & cons prioritisation  poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised  ant accurate fully adequate,  pros & cons pros & cons prioritisation poor/wrong irrelevant superficial partially relevant/correct and accurate fully adequate,  pros & cons prioritisation poor/wrong irrelevant superficial partially relevant/correct fully adequate,  ant & accurate fully adequate,  and & accurate fully accurate fully adequate,  and & accurate fully	REVIEW OF REPORT  evaluation & pros & cons understanding prioritisation  poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised  ant accurate  REVIEW OF OPPOSITION  speech pros & cons prioritisation evaluation prioritisation poor/wrong irrelevant superficial partially relevant/correct superficial pood mostly correct/prioritised fully adequate, ant accurate fully adequate, convincing	REVIEW OF REPORT  evaluation & pros & cons understanding prioritisation  poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised  prioritised fully adequate,  ant & accurate  PREVIEW OF OPPOSITION  REVIEW OF OPPOSITION  speech pros & cons prioritisation prioritisation prioritisation prioritisation prioritisation prioritisation poor/wrong irrelevant superficial partially relevant/correct superficial some relevant parts many accurate, fully adequate, apt & accurate, fully adequate	REVIEW OF REPORT  evaluation & pros & cons understanding prioritisation  poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised  ant accurate  REVIEW OF OPPOSITION  REVIEW OF OPPOSITION  speech pros & cons prioritisation prioritisation prioritisation prioritisation poor/wrong irrelevant superficial partially relevant/correct superficial partially relevant/correct fully adequate, superficial partially relevant/correct fully adequate, superficial fully adequate, sup	REVIEW OF REPORT  evaluation & pros & cons understanding prioritisation  poor/wrong irrelevant  superficial partially relevant/correct  good mostly correct/prioritised  ant accurate fully adequate,  sevilew OF OPPOSITION  REVIEW OF OPPOSITION  speech pros & cons prioritisation prioritisation  pros & cons prioritisation  pros & cons prioritisation  pros & cons prioritisation  pros & cons prioritisation  proor/wrong irrelevant  superficial partially relevant/correct  superficial some relevant parts many  accurate, fully adequate  relevant, constructive



quite detailed,

correct

detailed, complex,

Start from 1 and add/subtract

shows physical insight completely testable and

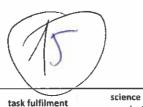
or

parametres

examined

errors

analysis



misunderstood

partly

average

some aspects

above average

interesting

solution

greater extent

than expected

communication

unclear, chaotic

partly clear

average

some aspects

well done

overall clear.

demonstrative

+ complex concepts

well communicated

HARVAN KAREST PASTONEK

DISCUSSION WITH OPP	ONENT			
relevant arguments/responses	reporter's conduct in the discussion			
too few	poor/aggressive			
some	partly fine			
many	good			
+ data/theory supported	some aspects efficient			
proved deep understanding	overall efficient			

#### ANSWERS TO JURY. OPPONENT, and **REVIEWER'S QUESTIONS**

concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or shows deep miscnceptions

N I	$\overline{}$	7	_	-
IN	U		⊆	3

detailed

demonstrative

deep and comprehensible,

OPPONENT Start from	m 1 and	add/subtract		165 Prod				MAGAW T	ARIWE ALC	
QUESTIONS ASKED	ОРР	OSITION (SPEECH)				DIS	CUSSION WITH REPO	RTER		ANSWERS TO JURY and
too few, mostly irrelevant		understanding of presentation	topics raised and their prioritisation	own opinions presented	time management		topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion	REVIEWER'S QUESTIONS  concise and correct or no
upelear points in the report		almost nothing	almost none	too few	poor	0	almost none	too few	poor/aggressive	questions asked
N T	1	some main points	too few/many	some	reasonable	1	too few/many	some	some aspects fine	some incorrect,
+ short, apt and clear, well	2	main points	partially relevant	some correct	fair	, 1	partially relevant	some correct	good	-1 inconclusive or too long
prioritised, all time used	2	all relevant points	mostly relevant	many correct	efficient	2	mostly relevant	many correct	some aspects efficient	_
NOTES:	4	practically all points	+ well prioritised	+ improvement suggestions	+ all time used	4	+ well prioritised	+ improvement suggestions	overall efficient	deeply incorrect or shows deep misconceptions

own contribution

almost no

review of sources, cited

some own input

or considerable

and

experimental

considerable

theoretical

+ limits discussed

well fitting, deviations

analysed, conclusive

1	+ + + + + +
QUES	TIONS ASKED
0	too few, mostly irrelevant
	relevant, meant to clarify unclear points
2 -	+ suitably allotted to Rep & Opp, most time used
2	+ short, apt and clear, well prioritised,

time managed efficiently

REVI	EW OF REPORT				
	evaluation & understanding	pros & cons prioritisation			
0	poor/wrong	irrelevant			
1	superficial	partially relevant/correct			
5 -	good	mostly correct/prioritised			
3	apt, accurate	fully adequate, well prioritised			

REV	IEW OF OPPOSIT	TION
	speech evaluation	pros & cons prioritisation
8	poor/wrong	irrelevant
	superficial	partially relevant/correct
Τ.	good	mostly correct/prioritised
Z	apt & accurate	fully adequate, well prioritised

DIS	CUSSION ANA	ALYSIS
	discussion evaluation	correct own opinions
0:	poor	irrelevant
	superficial	some
-	relevánt parts	many
2	accurate, convinicing	fully adequate

	10
12.5	ED POINTS TED OUT
:1:	irrelevant
0	none
1	relevant, constructiv

#### ANSWERS TO JURY QUESTIONS concise and correct or no questions asked some incorrect, inconclusive or too long

NOTES:

**REVIEWER** 

deeply incorrect or shows

deep misconceptions

PLESCH 4/5

REPORTER	Start from 1 and add/subtract
1 + (7) +	0,5- = 7

REPO	T phenomenon explanation	theory/model		ant experiments	comparison between theory and experiment	o	wn contribution	task fulfilment	science communication
0	almost no ali		almost no		almost no		almost no	misunderstood	unclear, chaotic
0	some	9алие		some)	some	revie	w of sources, cited	partly	partly clear
	fair	fair		fair	qualitative agreement	9	some own input	average	average
3	good	good		good	quantitative agreement	+ son	ne interesting results	some aspects above average	some aspects well done
4 5	detailed demonstrative	quite detailed, correct	<u>or</u> 11	multitude of parametres examined	+ limits discussed	<u>or</u> ₁î	considerable experimental	Interesting solution	overall clear, demonstrative
0.7	eep and comprehensible, shows physical insight	detailed, complex, completely testable	↓↓ and	errors analysis	well fitting, deviations analysed, conclusive	↓ and	considerable theoretical	greater extent than expected	+ complex concepts well communicated

relevant arguments/responses	reporter's conduct in the discussion	R
tog few	poor/aggressive	
some	partly fine	0
many	good	
+ data/theory supported	some aspects efficient	-]
proved deep understanding	overall efficient	-2

's the	ОРРО	/ERS TO JURY, NENT, and WER'S QUESTIONS
ssive ne	0	concise and correct or no questions asked
ects	-1	some incorrect, inconclusive or too long
ient	-2	deeply incorrect or shows deep miscnceptions

NOTES:

OPPONENT Start from	n 1 and a	dd/subtract	3)							
QUESTIONS ASKED	OPPO	SITION (SPEECH)				DISC	USSION WITH REPO	RTER		ANSWERS TO JURY and
too few, mostly irre evant	_	understanding of presentation	topics raised and their prioritisation	own opinions presented	time management		topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion	REVIEWER'S QUESTIONS
unclear points in the report	0	almost nothing	almost none	too few	poor	0	almost none	too few	poor/aggressive	questions asked
***	1 _	some main points	too few/many	some	reasonable	1	too few/many	some	some aspects fine	some incorrect,
+ short, apt and clear, well prioritised, all time used	2 _	main points	partially relevant	some-correct	fair	2	partially relevant	some correct	good	inconclusive or too long
prioritised, all time used	3	all relevant points	mostly relevant	many correct	efficient	2-	mostly(relevant	many @Pect	some aspects efficient	
NOTES:		practically all points	+ well prioritised	+ improvement suggestions	all time used	4	+ well prioritised	+ improvement suggestions	overall efficient	deeply incorrect or shows deep misconceptions

REV	Start from 1 and add/s	1	±	= 5										
QU	ESTIONS ASKED	REVIEV	W OF REPORT		REVI	EW OF OPPOSIT	ION	DISC	USSION ANA	ALYSIS	MISS	ED POINTS	ANS۱	WERS TO JURY
8 -	too few, mostly irre evant		evaluation & understanding	pros & cons prioritisation		speech evaluation	pros & cons prioritisation		discussion evaluation	correct own opinions	POIN	TED OUT	QUE	STIONS concise and correct or no
	relevant, meant to c arify unclear points	0	poor/wrong	irrelevant	0	poor/wrong	irrelevant	0	poor	irrelevant	$(\cdot^{l})$	irrelevant	4	questions asked
1	+ suitably allotted to Rep & Opp, most time used	1	superficial	partially relevant/correct	0	superficial	partially relevant/correct	5	superficial	rome		none	1.	some incorrect,
(	+ short, apt and clear, well prioritised,	20	good	mostly correct/prioritised	1	(good)	mostly correct/prioritised	0	relevant parts	hany	_	relevant.	100	inconclusive or too long
2	time managed efficiently	3	apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	2	accurate, convinicing	fully adequate	1	constructive	-21	deeply incorrect or shows deep misconceptions

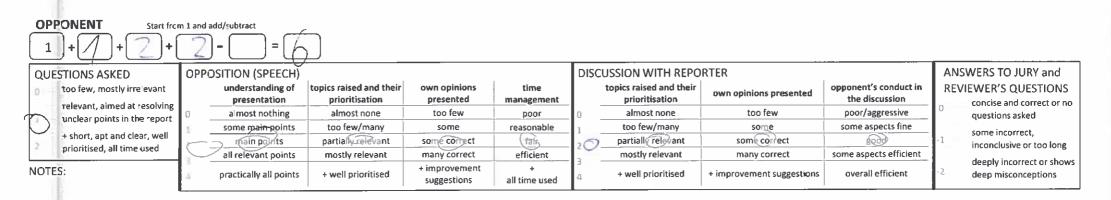
PUESCH

4/1



CIRT	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCU:	SSION WITH OPP		ANSWERS TO JURY,
E	almost no	almost no	almost no	almest no	almost no	misunderstood	unclear, chaotic		relevant	reporter's conduct in the	OPPONENT, and
E .	some	(one	some	some	review of sources, cited	partly	partly clear	ar	guments/responses	discussion	REVIEWER'S QUESTIONS
L	fair	fair	fair	qualitative agreement	some own input	average	average	0 -	toc few	poor/aggressive	
	(good)	gcod	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done		scme	partly fine	concise and correct or questions asked
	detailed demonstrative	quite detailed, correct	or multitude of parametres examined	+ limits discussed	or considerable experimental	interes ing solution	overall clear, demonstrative	2	datz/theory supported	good some aspects efficient	some incorrect, inconclusive or too lon deeply incorrect or sho
0.00		detailed, complex, completely testable	and errors	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	3	proved deep understanding	overall efficient	-2 deep miscnceptions

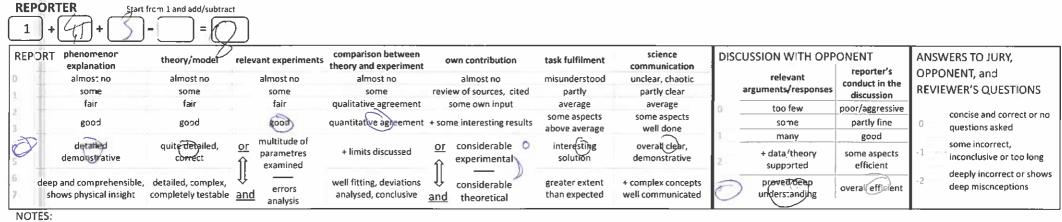
NOTES:



l l	EVIEVVER Start from 1 and add/s	ubtract											
	1 + 1 + 2 + 15 +	1	<u> </u>	= 7_									
	UESTIONS ASKED	REVI	EW OF REPORT		REVI	EW OF OPPOSIT	ION	DIS	CUSSION AN	ALYSIS	MISS	SED POINTS	ANSWERS TO JURY
e	too few, mostly irrelevant		evaluation & understanding	pros & cons prioritisation		speech evaluation	pros & cons prioritisation		discussion evaluation	correct own opinions	POIN	ITED OUT	QUESTIONS concise and correct or no
	relevant, meant to clarify unclear points	0	poor/wrong	irrelevant	0	poor/wrong	irrelevant	0	poor	irrelevant	-1-	Hiteleague	questions asked
1	+ suitably all otted to Rep & Opp,	1	superficial	partially relevant/correct		superficial	partially relevant/correct	>	superficial	some	n.	none	some incorrect,
		200	gqod	mostly correct/prioritised		good	mostly correct/prioritised		elevant parts	many	1999	relevant,	inconclusive or too long
2	+ short, apt and clear, well prioritised, time managed eff ciently	1	apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	2	accurate, convinicing	fully adecuate	15	constructive	deeply incorrect or shows deep misconceptions

NOTES:

DEV/JEVA/ED



OPPONENT Start from	n 1 and add/subtract	<u> </u>							
QUESTIONS ASKED	OPPOSITION (SPEECH)	<del></del>			DISC	JSSION WITH REPO	RTER		ANSWERS TO JURY and
too few, mostly irrelevant	understanding of presentation	topics raised and their prioritisation	own opinions presented	time management		topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion	REVIEWER'S QUESTIONS  concise and correct or no
unclear points in the report	0 almost nothing	almost none	too few	poor	0	almost none	too few	poor/aggressive	questions asked
	some main points	too few/many	some	reasonable	1	too few/many	some	some aspects fine	some incorrect,
+ short, apt and clear, well	main points	partially relevant	some correct	(fair)	2	partially relevant	some correct	good	inconclusive or too long
prioritised, all time used	all relevant points	mostly relevant	many correct	efficient	0	mostly relevant	many correct	some aspects efficient	
NOTES:	4 practically all points	+ well prioritised	+ improvement suggestions	+ all time used	4	+ well prioritised	+ improvement suggestions	overall efficient	deeply incorrect or shows deep misconceptions

REVIEWER Start from 1 and add/s	subtract									
1+05+(15+02+	<u>±</u> -	= 4								
QUESTIONS ASKED	REVIEW OF REPORT	•	REV	IEW OF OPPOSIT	ION	DISCUSSION AN	ALYSIS	MISS	SED POINTS	ANSWERS TO JURY
too few, mostly irrelevant  elevant, meant to clarify unclear points + suitably allotted to Rep & Opp, most time used	poor/wrong superficial	pros & cons prioritisation irrelevant partially relevant/correct	0	speech evaluation poor/wrong superficial	pros & cons prioritisation irrefevant partially relevant/correct	discussion evaluation poor superficial	correct own opinions irrelevant	POIN	irrelevant	QUESTIONS  concise and correct or no questions asked  some incorrect,
+ short, apt and clear, well prioritisec, time managed efficiently	good apt, accurate	fully adequate, well prioritised	2	good apt & accurate	mostly correct/prioritised fully adequate, well prioritised	accurate,	fully adequate	1	relevant, constructive	inconclusive or too long deeply incorrect or shows deep misconceptions

NOTES:

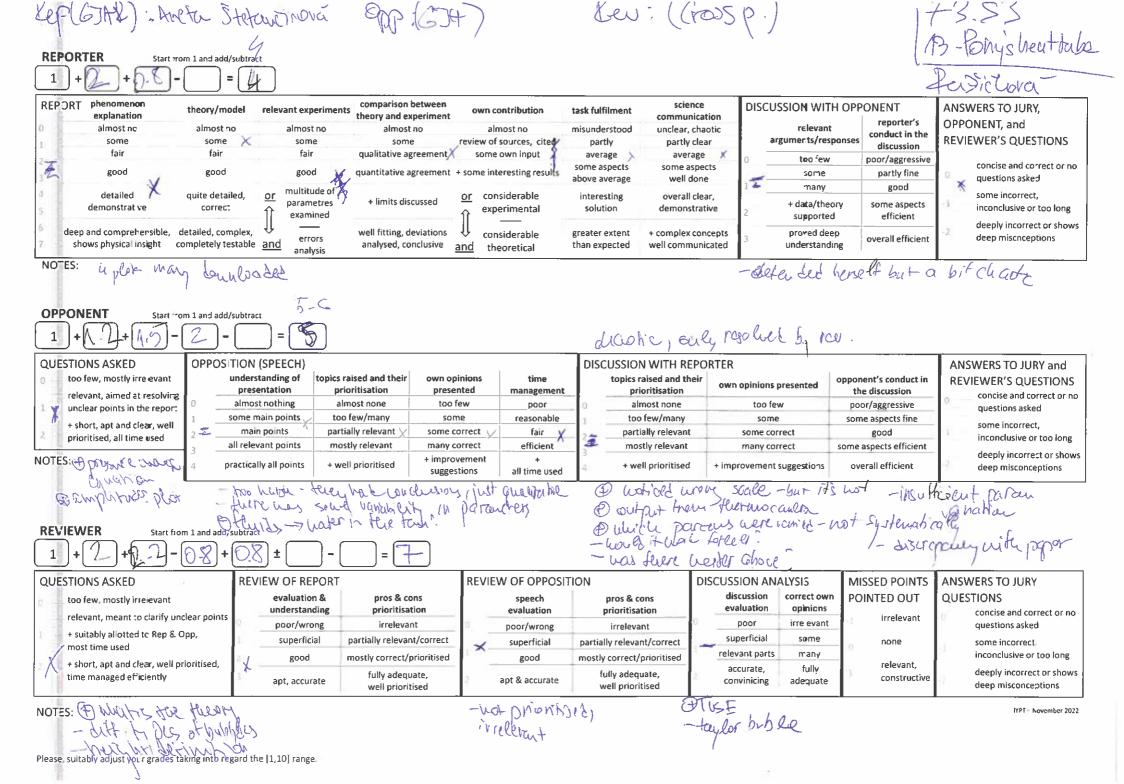
lev: Aceke S. (GJAL) Cross product: Capa L. SJH: Hotjah REPORTER Start from 1 and add/subtract fertitora-REPORT phenomenon comparison between science DISCUSSION WITH OPPONENT ANSWERS TO JURY, theory/model relevant experiments own contribution task fulfilment explanation theory and experiment communication reporter's OPPONENT, and relevant almost no almost no almost no almost no almost no misunderstood unclear, chaotic conduct in the REVIEWER'S QUESTIONS arguments/responses some some some some review of sources, cited partly partly clear 4 discussion fair fair fair qualitative agreement some own input average average poor/aggressive too few concise and correct or no some aspects some aspects partly fine quantitative agreement + some interesting results good good good some questions asked above average well done many good multitude of some incorrect, detailed quite detailed, or considerable interesting overall clear, + limits discussed parametres + data/theory some aspects inconclusive or too long demonstrative correct experimental solution demonstrative examined efficient supported deeply incorrect or shows ceep and comprehensible, cetailed, complex, well fitting, deviations + complex concepts proved deep greater extent considerable deep miscnceptions overall efficient errors understanding shows physical insight complete y testable and analysed, conclusive than expected well communicated and theoretical analysis NOTES: **OPPONENT** DISCUSSION WITH REPORTER ANSWERS TO JURY and QUESTIONS ASKED OPPOSITION (SPEECH) opponent's conduct in understanding of topics raised and their own opinions topics raised and their too few, mostly irrelevant time **REVIEWER'S QUESTIONS** own opinions presented presentation prioritisation presented prioritisation the discussion management concise and correct or no relevant, aimed at resolving too few poor/aggressive almost nothing almost none poor almost none too few questions asked unclear points in the report some main points too few/many too few/many some aspects fine some reasonable some some incorrect. + short, apt and clear, well main points partially relevant some correct fair 👞 partially relevant some correct good inconclusive or too long prioritised, all time used all relevant points mostly relevant many correct efficient mostly relevant many correct some aspects efficient: deeply incorrect or shows NOTES: ( for fee a-) + improvement practically all points + well prioritised + well prioritised overall efficient + improvement suggestions deep misconceptions suggestions all time used thack of prelithery stillation 1) ils we see oscillation @ cause in too last Doyonail introbleme oscille of scrain h 1 Tetart from 1 and add/subtract REVIEWER D.70 MISSED POINTS **REVIEW OF OPPOSITION DISCUSSION ANALYSIS** ANSWERS TO JURY REVIEW OF REPORT QUESTIONS ASKED discussion correct own QUESTIONS evaluation & pros & cons POINTED OUT speech pros & cons too few, mostly irrelevant evaluation opinions prioritisation understanding prioritisation evaluation concise and correct or no relevant, meant to clarify unclear points irrelevant poor irrelevant questions asked irrelevant poor/wrong irrelevant poor/wrong + suitably allotted to Rep & Opp, superficial scme partially relevant/correct superficial none superficial partially relevant/correct some incorrect. most time used relevant parts many inconclusive or too long mostly correct/prioritised mostly correct/prioritised good good relevant, 4 short, apt and clear, well prioritised, accurate, fully deeply incorrect or shows fully adequate. fully adequate, time managed efficiently constructive apt & accurate convinicing adequate apt, accurate well prioritised deep misconceptions Elicy graphy to congrere they with concrete

Plash int fulfilled well prioritised SA Hereod affect IYPT - November 2022 NOTES:

Please, suitably adjust your grades taking into regard the [1,10] range

Rep (Cross product): Marcinial Opp: 6JARS=: (Harinica) v: Pallac (63H) REPORTER Start from 1 and ado/subtract phenomenon TRCSAN comparison between science DISCUSSION WITH OPPONENT ANSWERS TO JURY. theory/model relevant experiments own contribution task fulfilment theory and experiment explanation communication reporter's OPPONENT, and almost no almost no almost no almost no relevant almost no misunderstood unclear, chaotic conduct in the arguments/responses REVIEWER'S OUESTIONS same some some some review of sources, cited partly clear partly discussion fair fair fair qualitative agreement some own input average 🗶 average too few poor/aggressive concise and correct or no some aspects some aspects + some interesting results gcod good good quantitative agreement some partly fine above average well done questions asked many good multitude of some incorrect, detailed quite detailed, or considerable interesting overall clear. + limits discussed parametres + data/theory some aspects demonstrative correct solution inconclusive or too long experimental demonstrative examined supported efficient deeply incorrect or shows deep and comprehensible. detailed, complex, well fitting, deviations greater extent + complex concepts proved deep considerable deep miscnceptions errors overall efficient shows physical insight completely testable and analysed, conclusive than expected well communicated understanding and theoretical analysis NOTES) too luck theon -> appeal Objesuit have tracked Wilcos & well of so main sum - 62 e80 - 10 10 min I manche ind terroulter wende from - were but OPPONENT Start from 1 and adc/subtract 0.5 min QUESTIONS ASKED OPPOSITION (SPEECH) DISCUSSION WITH REPORTER ANSWERS TO JURY and too few, mostly irre evant understanding of topics raised and their own opinions time topics raised and their opponent's conduct in **REVIEWER'S QUESTIONS** own opinions presented presentation prioritisation presented prioritisation management the discussion relevant, aimed at resolving concise and correct or no almost nothing almost none too few almost none Poor too few poor/aggressive unclear points in the report questions asked some main points... too few/many some too few/many some aspects fine reasonable some some incorrect, + short, apt and clear, well main points partially relevant some correct fair partially relevant some correct good prioritised, all time used inconclusive or too long all relevant points mostly relevant many correct efficient mostly relevant many correct some aspects efficient deeply incorrect or shows NOTES: + improvement + well prioritised practically all points + well prioritised + improvement suggestions overall efficient deep misconceptions suggestions all time used Dr. magh measurement of Lint Chain shiftents; included of the Board About hour lides that over tracked Daros when @ 1. stile Delampica anssin REVIEWER Start from 1 and add-subtract N5-tilled **REVIEW OF OPPOSITION** QUESTIONS ASKED REVIEW OF REPORT **DISCUSSION ANALYSIS** MISSED POINTS **ANSWERS TO JURY** discussion correct own evaluation & pros & cons speech pros & cons POINTED OUT QUESTIONS too few, mostly irrelevant evaluation opinions understanding prioritisation evaluation prioritisation concise and correct or no relevant, meant to clarify unclear points irrelevant irre evant poor/wrong irrelevant poor questions asked poor/wrong irrelevant + suitably allotted to Rep & Opp, superficial some superficial partially relevant/correct superficial partially relevant/correct none some incorrect, most time used relevant parts many inconclusive or too long good mostly correct/prioritised good mostly correct/prioritised + short, apt and clear, well prioritised. relevant. accurate, fully deeply incorrect or shows opp: - angle of the coneral Defrey test ment be well prioritised

Please, suitably adjust your grades tak ng into regard the [1,10] range fully adequate, fully adequate, time managed efficiently constructive convinicing adequate deep misconceptions IYPT - November 2022



3-Fyzdoj (1 holo)

REPORTER Start from 1 and ade/subtract Marian Hajzok

REPO	ORT phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication
0	almost na	almost no	almost no	almost no	almost no	misunderstood	unclear, chaotic
1 1	some	some	some	some	review of sources, cited	partly	partly clear
	fair	fair	fair	qualitative agreement	some own input	average	average
3	gcod good good		quantitative agreement + some interesting results		some aspects above average	some aspects well done	
4	detailed demonstrative	quite detailed, correct	or multitude of parametres examined	+ limits discussed	or considerable  ↑ experimental	interesting solution	overall clear, demonstrative
7	deep and comprenensible, shows physical irs ght	detailed, complex, completely testable	and errors	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated

some partly fine questions asked many good some incorrect, the data/theory supported efficient questions asked some incorrect, inconclusive or to deeply incorrect		DISC	USSION WITH OPP	ANSWERS TO JURY,				
some partly fine questions asked some incorrect, inconclusive or to deeply incorrect  supported efficient proved deep				conduct in the				
1 many good some incorrect, 2 supported efficient deeply incorrect 3 proved deep		0			concise and corre			
+ data/theory some aspects efficient supported eeply incorrect, inconclusive or to deeply incorrect deeply incorrect deeply incorrect deep misroceptic deep deep misroceptic deep deep deep deep deep deep deep dee		Ξ.	some		0 questions asked			
+ data/theory some aspects efficient deeply incorrect	ı	$^{1} \equiv$ .	many	good	some incorrect			
proved deep overall efficient -2 deep miscoception	ı	2			inconclusive or to			
		3	, ,	overall efficient	deep miscnception			

	ANSWERS TO JURY,							
	OPPONENT, and							
•	REVIEWER'S QUESTIONS							
e _	concise and correct or no questions asked							
-	some incorrect, -1 inconclusive or too long							
_	deeply incorrect or shows							

deep miscnceptions

NOTES:

OPPONENT  1 + 1 +	Start from	n 1 and adc/subtract	Lujta-Li	la Laurihova
OUSCIONS ACKED		ODDOGITION (CDEECH)		

	QUESTIONS ASKED	OPPOSITION (SPEECH)			
	too few, mostly relevant	understanding of presentation	topics raised and their prioritisation	own opinions presented	time management
	relevant, aimed at resolving	0 almost nothing	almost none	too few	Ţ
	1 — unclear points in the report	U aimost nothing	almost none	too rew	poor
	a short and algebra and	1 some main points	too few/many	some	reasonable
	+ short, apt and clear, wel	2 main points	partially relevant	some correct	fair
i	prioritised, all time used	all relevant points	mostly relevant	many correct	efficient
	NOTES:	4 practically all points	+ well prioritised	+ improvement suggestions	+ all time used

	topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion
9	almost none	too few	poor/aggressive
E	too few/many	some	some aspects fine
2	partially relevant	some correct	good
2	mostly relevant	many correct	some aspects efficient
4	+ well prioritised	+ improvement suggestions	overall efficient

	ANSWERS TO JURY and									
	REVIEWER'S QUESTIONS									
-	concise and correct or no questions asked									
-	some incorrect, inconclusive or too long									
-	deeply incorrect or shows deep misconceptions									

REVIEWER Start from 1 and add/	subtract	۸	5. / 25 =
1+1+2+1+	A ± 0 - 0 = 6	4ruta	Ste-fauctnova
QUESTIONS ASKED	REVIEW OF REPORT	REVIEW	OF OPPOSITION

QUESTIONS ASKEC REVIEW OF REPORT			REVI	EW OF OPPOSIT	DISCUSSION ANALYSIS			ED POINTS	ANSWERS TO JURY	
too few, mostlyrelevant	evaluation & understanding	pros & cons prioritisation	ı	speech evaluation	pros & cons	discussion evaluation	correct own opinions	POIN	ITED OUT	QUESTIONS concise and correct or no
relevant, meant to clarify unclear points	poor/wrong	irrelevant	0 -	poor/wrong	irrelevant	0 роог	irrelevant	irrelevant	questions asked	
+ suitably a lotted to Rep & Opp, most time used	superficial	partially relevant/correct		superficial	partially relevant/correct	superficial	some	10	none	some incorrect,
+ short, apt and clear, well prioritised,	2 good	mostly correct/prioritised	1	good	mostly correct/prioritised	relevant parts			relevant,	inconclusive or too long
time managed eff ciently	apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	accurate, convinicing	fully adequate	,1	constructive	deeply incorrect or shows deep misconceptions

NOTES:

IYPT - November 2022

## Tomas LuciusANSKS

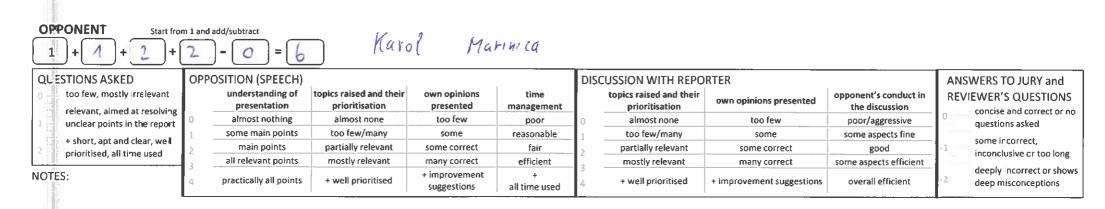
3. Fyzdoj (2.holo)

Problem 8



TRC	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH OPP		ANSWERS TO JURY,
	almost no some	almost no some	almost no some	almost no some	almost no review of sources, cited	misunderstood partly	unclear, chaotic	relevant arguments/responses	reporter's conduct in the	OPPONENT, and REVIEWER'S QUESTIONS
	fair	fair	fair	qualitative agreement	some own input	average	average	0 too few	discussion poor/aggressive	
	good	good	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done	some	partly fine	concise and correct or questions asked
	detailed demonstrative	quite detailed, correct	or multitude of parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	+ data/theory supported	good some aspects efficient	some incorrect, inconclusive or too lor
	and comprehensible, ws physical insight	detailed, complex, completely testable	errore	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	proved deep understanding	overall efficient	deeply incorrect or sh deep miscnceptions

NOTES:



REVIEWER Start from 1 and add/s	subtract  1 ± 0 -	<u> </u>	F(1	-IP Pai	ilac				_			
QUESTIONS ASKED	REVIEW OF REPORT		REVIEV	V OF OPPOSIT	ION	DIS	CUSSION ANA	LYSIS	MISS	SED POINTS	ANS۱	VERS TO JURY
too few, mostly reelevant	evaluation & understanding	pros & cons prioritisation		speech evaluation	pros & cons prioritisation		discussion evaluation	correct own opinions	POIN	ITED OUT	QUE	STIONS concise and correct or no
relevant, meant to clarify unclear points	poor/wrong irrelevant	0	poor/wrong	irrelevant	Θ	poor	irrelevant	-1	irrelevant	W	questions asked	
+ suitably allotted to Rep & Opp, most time used	1 superficial	partially relevant/correct	, –	superficial	partially relevant/correct	l	superficial	some	n	none		some incorrect,
	2 good	mostly correct/prioritised	1.	good	mostly correct/prioritised	1	relevant parts	many				inconclusive or too long
+ short, apt and clear, well prioritised, time managed efficiently	3 apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	2	accurate, convinicing	fully adequate	1	relevant, constructive	2	deeply incorrect or shows deep misconceptions

NOTES:

IYPT - November 2022

Tomas LUCIVJANSKS

3. Fyzdoj (3 holo) Aneta ŝtefanijova

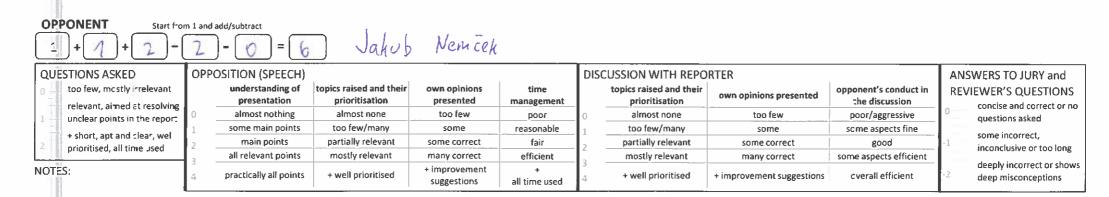
REPORTER

Start from 1 and add/subtract

Profun 13

REPORT	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH OPP	ONENT reporter's	ANSWERS TO JURY,
0	almost no	almost no	almost no	almost no	almost no	misunderstood	unclear, chaotic	relevant	conduct in the	OPPONENT, and
1	some	some	some	some	review of sources, cited	partly	partly clear	arguments/responses	discussion	REVIEWER'S QUESTIONS
	fair	fair	fair	qualitative agreement	some own input	average	average	0 too few	poor/aggressive	1
3	good	good	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done	some	partly fine	concise and correct or no questions asked
	4-1-14-4		multitude of			122		1 many	good	_ '
5	detailed demonstrative	quite detailed, correct	parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	+ data/theory 2 supported	some aspects efficient	some incorrect, inconclusive or too long
	p and comprehensible, hows physical insight	detailed, complex, completely testable	errors	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	3 proved deep understanding	overall efficient	deeply incorrect or shows  deep miscnceptions

NOTES:



RE\	/IEWER Start from 1 and add/s	subtract		1 2	a 1	f / -							
1	+115+2+1+	1,5 ± 0 -	0 = 7	Luj	za-Lea	Laurihova							
QU	STIONS ASKED	REVIEW OF REPORT	•	REV	IEW OF OPPOSIT	TION	DIS	CUSSION ANA	ALYSIS	MIS	SED POINTS	ANS۱	WERS TO JURY
0 -	too few, mostly irrelevant	evaluation & understanding	pros & cons prioritisation		speech evaluation	pros & cons		discussion evaluation	correct own opinions	POII	NTED OUT	QUE	STIONS concise and correct or no
	relevant, meant to clarify unclear points	0 poor/wrong	irrelevant	6	poor/wrong	irrelevant	9	poor	irrelevant	-1	irrelevant	0)	questions asked
1	+ suitably allotted to Rep & Opp, most time used	1 superficial	partially relevant/correct		superficial	partially relevant/correct	,	superficial	some	n	none	10	some incorrect,
	+ short, apt and clear, well prioritised,	2 good	mostly correct/prioritised	1	good	mostly correct/prioritised	1	relevant parts	many		relevant,		inconclusive or too long
2	time managed of iciently	3 apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	2	accurate, convinicing	fully adequate	1	constructive	-Z	deeply incorrect or shows deep misconceptions

Stage: 3, Eyll 3 T. Roll

REPORTER	Start from 1 and add/subtract
1 + 3,3	+ 1 - 1 = 4

TAC	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH OPP		ANSWERS TO JURY,
	almost no	almost no	almost no	almost no	almost no	misunderstood	unclear, chaotic	relevant	reporter's	OPPONENT, and
	some	some	some	some	review of sources, cited	partly	partly clear	arguments/responses	conduct in the discussion	REVIEWER'S QUESTIO
	fair	fair	fair	qualitative agreement	some own input	average	average	0 too few	poor/aggressive	
	good	good	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done	some	partly fine	concise and correct questions asked
		T . E	multitude of					1 — many	good	_ `
	detailed demonstrative	quite detailed, correct	parametres	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	+ data/theory 2 supported	some aspects efficient	some incorrect,
		detailed, complex, completely testable	and errors analysis	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	proved deep understanding	overall efficient	deeply incorrect or deep miscnception

OPPONENT Start **or	m 1 and	add/subtract								
QUESTIONS ASKED	OPP	OSITION (SPEECH)				DIS	CUSSION WITH REPO	RTER		ANSWERS TO JURY and
too few, mostly irrelevant		understanding of presentation	topics raised and their prioritisation	own opinions presented	time management		topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion	REVIEWER'S QUESTIONS  concise and correct or no
unclear points in the report	0	almost nothing	almost none	too few	роог	0	almost none	too few	poor/aggressive	uestions asked
	1	some main points	too few/many	some	reasonable	. 1	too few/many	some	some aspects fine	some incorrect,
+ short, apt and clear, wel	2	main points	partially relevant	some correct	fair		partially relevant	some correct	good	inconclusive or too long
prioritised, all time ased	2	all relevant points	- mostly relevant	many correct	- efficient		mostly relevant	many correct	some aspects efficient	
NOTES:	4	practically all points	+ well prioritised	+ improvement suggestions	+ all time used	4	+ well prioritised	+ improvement suggestions	overall efficient	deeply incorrect or shows deep misconceptions

ubtract								
1 ± 😝 -	0.5 = 6							
REVIEW OF REPORT	•	REVIEW OF OPP	OSITION	DISCUSSION AN	ALYSIS	MISSED POINTS	ANSW	ERS TO JURY
evaluation & understanding	pros & cons prioritisation	speech evaluation	pros & cons prioritisation	discussion evaluation	correct own opinions	POINTED OUT	QUES	TIONS concise and correct or no
poor/wrong	irre evant	poor/wron	g irrelevant	o poor	irre evant	rrelevant	9	questions asked
superficial	partially relevant/correct		-	superficial	some	none	765	some incorrect,
2 good	mostly correct/prioritised	good	mostly correct/prioritised	relevant parts	many	into and	24.0	inconclusive or too long
apt, accurate	fully adequate, well prioritised	apt & accura	fully adequate, well prioritised	accurate, convinicing	fully adequate	1.0	. 9.7	deeply incorrect or shows deep misconceptions
	REVIEW OF REPORT  evaluation & understanding poor/wrong superficial good	REVIEW OF REPORT  evaluation & pros & cons understanding prioritisation  poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised  fully adequate,	REVIEW OF REPORT  evaluation & pros & cons prioritisation  poor/wrong irrelevant poor/wrong superficial partially relevant/correct good mostly correct/prioritised fully adequate,  ant & accurate and & accurate poor accurate po	REVIEW OF REPORT  evaluation & pros & cons prioritisation  poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised fully adequate,  pros & cons prioritisation poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised fully adequate, ant & accurate fully adequate,	REVIEW OF REPORT  evaluation & pros & cons prioritisation poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised ant accurate  REVIEW OF OPPOSITION  speech pros & cons prioritisation evaluation prioritisation poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised fully adequate, ant accurate  REVIEW OF OPPOSITION  speech pros & cons prioritisation evaluation poor superficial relevant parts accurate, convincing	REVIEW OF REPORT  evaluation & pros & cons prioritisation  poor/wrong irrelevant  superficial partially relevant/correct  good mostly correct/prioritised  fully adequate,  pros & cons prioritisation  poor/wrong irrelevant  superficial partially relevant/correct  good mostly correct/prioritised  fully adequate,  ant & accurate  poor screet own opinions  poor irre evant  superficial partially relevant/correct  good mostly correct/prioritised  fully adequate,  ant & accurate  fully adequate,  ant & accurate  fully adequate,	REVIEW OF REPORT  evaluation & pros & cons understanding prioritisation poor/wrong irrelevant superficial partially relevant/correct  good mostly correct/prioritised and accurate fully adequate,  and accurate fully adequate,  REVIEW OF OPPOSITION  Speech pros & cons prioritisation prioritisation prioritisation prioritisation prioritisation prioritisation prioritisation prioritisation prioritisation poor irre evant superficial some relevant parts many accurate, fully adequate, constructive constructive	REVIEW OF REPORT  evaluation & pros & cons understanding prioritisation  poor/wrong irrelevant  superficial partially relevant/correct  good mostly correct/prioritised  ant accurate fully adequate,  ant accurate  REVIEW OF OPPOSITION  speech pros & cons prioritisation prioritisation prioritisation prioritisation prioritisation prioritisation poor/wrong irrelevant superficial partially relevant/correct good mostly correct/prioritised fully adequate, ant & accurate fully adequate, and & accurate fully adequate fully adequate, and & accurate fully adequate full full full full full full full ful

NOTES:

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Fighel 3: Slage?

T. Roch

2111	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH OPP		ANSWERS TO JURY,
	almost no	almost no	almost no	almost no	almost no	misunderstood	unclear, chaotic	relevant	reporter's conduct in the	OPPONENT, and
	some	some	some	some	review of sources, cited	partly	partly clear	arguments/responses	discussion	REVIEWER'S QUESTIO
	fair	fair	fair	qualitative agreement	some own input	average	average	0 too few	poor/aggressive	
	good	good	good	quantitative agreement	+ some interesting results	some aspects  -above average	some aspects well done	some	partly fine	concise and correc questions asked
	detailed demonstrat ve	quite detailed, correct	or multitude of parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	+ data/theory supported	good some aspects efficient	some incorrect, inconclusive or too
	nd comprenensible, vs physical insight	detailed, complex, completely testable	and errors	well fitting, deviations analysed, conclusive (	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	3 proved deep	overall efficient	deeply incorrect or deep miscnception

OPPONENT Start from	n 1 and adc/subtract									
QUESTIONS ASKED	OPPOS TION (SPEECH)				DISC	USSION WITH REPO	RTER	"	ANS	WERS TO JURY and
too few, mostly irrelevant	understanding of presentation	topics raised and their prioritisation	own opinions presented	time management		topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion	REV	EWER'S QUESTIONS
unclear points in the report	1 almost nothing	almost none	too few	poor	0	almost none	too few	poor/aggressive	0	questions asked
	some main points	too few/many	some	reasonable	. 1	too few/many	some	some aspects fine		·
+ short, apt and clear, well prioritised, all time used	2 main points	partially relevant	some correct	fair	7 3	partially relevant	some correct	good	-1	some incorrect, inconclusive or too long
prioritised, all time used	all relevant points	mostly relevant	many correct	efficient	1 ~ ~	mostly relevant	many correct	some aspects efficient		ŭ
NOTES:	4 practically all points	+ well prioritised	+ improvement suggestions	+ all time used	4	+ well prioritised	+ improvement suggestions	cverall efficient	-2	deeply incorrect or shows deep misconceptions

REVIEWER Start from 1 and add 's	subtract										
1 + 12 + 1 +	<u>/</u> ±	= 5					. <b></b>				
QUESTIONS ASKED	REVIEW OF REPORT		REV	IEW OF OPPOSIT	ION	DIS	CUSSION AN	ALYSIS	MIS	SED POINTS	ANSWERS TO JURY
too few, mostly irre evant	evaluation & understanding	pros & cons prioritisation		speech evaluation	pros & cons prioritisation		discussion evaluation	correct own opinions	POI	NTED OUT	QUESTIONS concise and correct or no
relevant, meant to clarify unclear points	poor/wrong	irrelevant	0	poor/wrong	irrelevant	0	poor	irrelevant	-1	irrelevant	questions asked
+ suitably allotted to Rep & Opp, most time used	superficial	partially relevant/correct		superficial	partially relevant/correct	,	superficial	some	В	none	some incorrect,
+ short, apt and clear, well prioritised,	2 good	mostly correct/prioritised	1	good	mostly correct/prioritised	<b>^</b>	relevant parts	many	ľ	na lavana	inconclusive or too long
time managed eff ciently	apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	2	accurate, convinicing	fully adequate	1	relevant, constructive	deeply incorrect or shows deep misconceptions

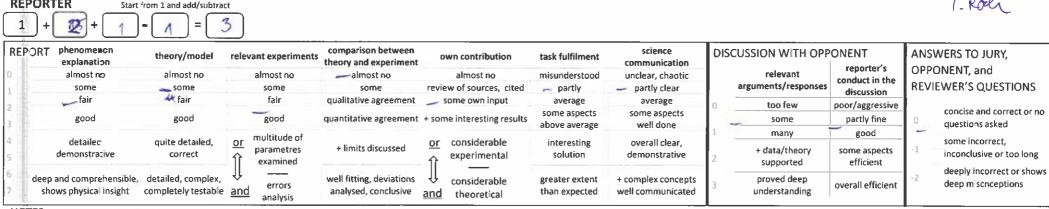
NOTES:

REPORTER

Start from 1 and adc/subtract

1

IYPT = November 2022



shills Combitions ?

**OPPONENT** 

REPORTER

Start from 1 and add/subtract

QU	EST	IONS	ASK	ED
----	-----	------	-----	----

too few, mostly irrelevant relevant, aimed at resolving unclear points in the report

+ short, apt and clear, we prioritised, all time used

NOTES: 6:11

understanding of presentation	topics raised and their prioritisation	own opinions presented	time management
almost nothing	almost none	too few	poor
some main points	too few/many	some	reasonable
main points	partially relevant	some correct	fair
all relevant points	mostly relevant	many correct	efficient
practically all points	+ well prioritised	+ improvement suggestions	+ all time used

topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion
almost none	too few	poor/aggressive
too few/many	some	some aspects fine
partially relevant	some correct	good
mostly relevant	many correct	some aspects efficient
+ well prioritised	+ improvement suggestions	overall efficient

DI

AIV.	SWERS TO JONE AND
REV	IEWER'S QUESTIONS
D 🕶	concise and correct or no questions asked
-1	some incorrect, inconclusive or too long
-2	deeply incorrect or shows deep misconceptions

ANSWERS TO HIRV and

**REVIEWER** Start from 1 and add/subtract

	1	+057	+ 1.5	+ 1.5	+ 4	) ±	- 0	= [	6
--	---	------	-------	-------	-----	-----	-----	-----	---

QUESTIONS ASKED	REVIEW OF REPORT	
too few, mostly irrelevant	evaluation & pros & cons understanding prioritisation	
relevant, meant to clarify unclear points	poor/wrong irrelevant	
+ suitably allotted to Rep & Opp, most time used	superficial partially relevant/correc	t
+ short, apt and clear, we prioritised,	good mostly correct/prioritised	H

speech evaluation	pros & cons prioritisation
poor/wrong	irrelevant
superficial	partially relevant/correct
good	mostly correct/prioritised
apt & accurate	fully adequate, well prioritised

ISCUSSION AN	MISSED POINT	
discussion evaluation	correct own opinions	POINTED OUT
poor	irrelevant	irrelevant
superficial	some	none
-relevant parts	many	(8)
accurate, convinicing	ful <b>ly</b> adequate	relevant, constructi

SSED POINTS	ANSWERS TO JURY QUESTIONS				
INTED OUT					
irrelevant	concise and correct or no questions asked				
none	some incorrect,				
solounst	inconclusive or too long				

NOTES: Pengler

time managed efficiently

apt, accurate

fully adequate,

well prioritised

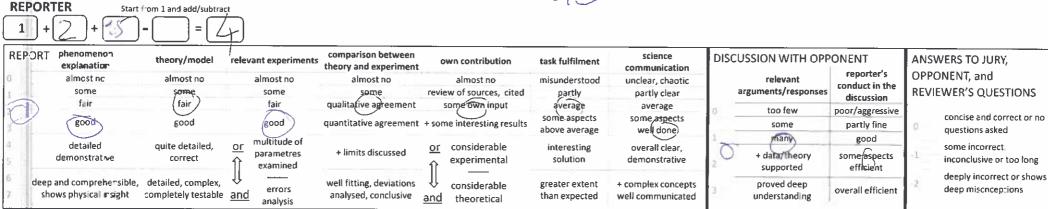
enor in direction of largh affects fearers

**REVIEW OF OPPOSITION** 

IYPT - November 2022

deeply incorrect or shows

deep misconceptions

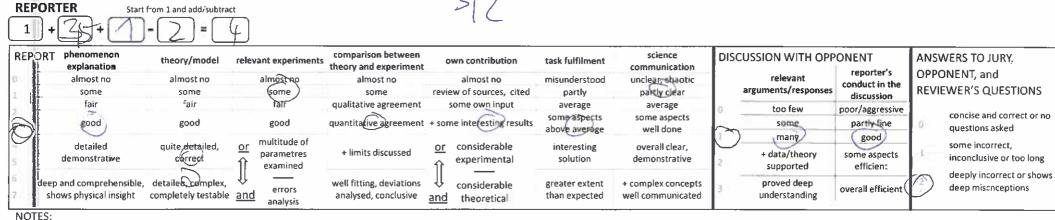


NOTES:

OPPONENT Start from	n 1 and a	add/subtract								
QUESTIONS ASKED	OPPO	OSITION (SPEECH)				DISC	USSION WITH REPO	RTER		ANSWERS TO JURY and
too few, mostly irrelevant		understanding of presentation	topics raised and their prioritisation	own opinions presented	time management		topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion	REVIEWER'S QUESTIONS  concise and correct or no
unclear points in the report	0	almost nothing	almost none	too few	poor	0	almost none	too few	poor/aggressive	questions asked
+ short, apt and dear, well	1	some main points	too few/many	some	reasonable	-	too few/many	some	some aspects fine	
prioritised, all time used	2	main points	partially relevant	some.correct	fair		partially relevant	some correct	good	some incorrect, inconclusive or too long
prioritised, an time 33ed	-	all relevant points	mostly relevant	many correct	efficient	2	mostly relevant	many correct	some aspects efficient	, and a second
NOTES:	4	practically all points	+ well priorit sed	+ improvement suggestions	all time used	4	+ well prioritised	+ improvement suggestions	overall efficient	deeply incorrect or shows deep misconceptions

RE\	/IEWER Start from 1 and add/s	ubtract																						
1	+47+2+1+	1	<u>+</u>	= _																				
QUI	STIONS ASKED	REVI	EW OF REPORT	,	REVI	W OF OPPOSIT	ION	DIS	CUSSION AN	ALYSIS	MISS	ED POINTS	ANSWERS TO JURY											
Cl.	too few, mostly irrelevant	١.	evaluation & understanding	pros & cons prioritisation	ĺ	speech evaluation	pros & cons prioritisation		discussion evaluation	correct own opinions	POIN	TED OUT	QUESTIONS  concise and correct or no											
	relevant, meant to carify unclear points	ts 0	0	0	0	0	0	0	0	0	0	0	0	poor/wrong	irrelevant	0	poor/wrong	irrelevant	-0	poor	irrelevant	-17	irrelevant	questions asked
1 1	+ suitably al otted to Rep & Opp, most time used	1	superficial	partially relevant/correct		superficial	partially relevant/correct	-	superficial	some	n	none	some incorrect,											
10	+ short, apt and clear, well prioritised,		good	mostly correct/prioritised	0	good	mostly correct/prioritised		relevant parts	many		enlavant I	inconclusive or too long											
A.C.	time managed efficiently	3	apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	2	accurate, convinicing	fully adequate	J.	relevant, constructive	deeply incorrect or shows deep misconceptions											

NOTES:



**OPPONENT** Start from 1 and add/subtract ODDOSITION (SDEECH) **QUESTIONS ASKED** too few, mostly irrelevant relevant, aimed at resolving unclear points in the report

	understanding of presentation	topics raised and their prioritisation	own opinions presented	time management
0	almost nothing	almost none	too few	poor
1	some main points	too few/many	some	reasonable
0	main points	partially relevant	some correct	fair
2 .	all relevant points	mostly relevant	many correct	efficient
4	practically all points	+ well prioritised	+ improvement suggestions	all time used

DISCUSSION WITH REPORTER									
	topics raised and their prioritisation own opinions presented opponent's conduct in the discussion								
0	almost none	too few	poor/aggressive						
1	too few/many	some	some aspects fine						
	part ally relevant	some correct	good						
1	mostly relevant	many correct	some aspects efficient						
4	+ well prioritised	+ improvement suggestions	overall efficient						

	ANSWERS TO JURY and								
	REVIEWER'S QUESTIONS								
-	0 concise and correct or no questions asked								
-	some incorrect, inconclusive or too long								
-	deeply incorrect or shows deep misconceptions								

REVIEWER	Start from 1 and add/s	ubtract	
1+15+	+ 08+	@/2 ±	= -
QUESTIONS ASKE	D	REVIEW OF REPORT	/
pare BMC		avaluation 9	

STIONS ASKED	REVI	EW OF REPORT	,
too few, mostly irrelevant		evaluation &	pros & cons
relevant, meant to c arify unclear points	6 -	understanding poor/wrong	prioritisation irrelevant
+ suitably allotted to Rep & Opp,		syperficial	partially relevant/correct
most time used + short, apt and cear, well prioritised,	2	good	mostly correct/prioritised
time managed efficiently	3	apt, accurate	fully adequate, well prioritised

REVI	EW OF OPPOSIT	TION
	speech evaluation	pros & cons prioritisation
0	poor/wrong	irrelevant
3	superficial	partially relevant/correct
1000	good	mostly correct/prioritised
2	apt & accurate	fully adequate, well prioritised

DISC	CUSSION AN	ALYSIS
	discussion evaluation	correct own opinions
9	podr	irrelevant
	superficial	some
l	relevant parts	many
2	accurate, convinicing	fully adequate

MISSE	D POINTS
POINT	ED OUT
1	irrelevant
	none
	relevant,
	constructive

ANSW	/ERS TO JURY
QUES'	TIONS
D	concise and correct or no questions asked
į.	some incorrect, inconclusive or too long
	deeply incorrect or shows

deep misconceptions

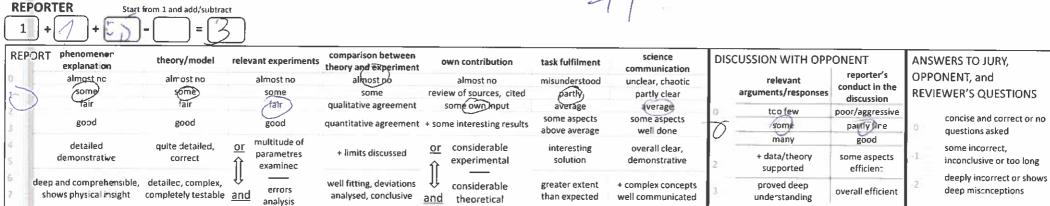
NOTES:

NOTES:

+ short, apt and clear, well prioritised, all time used

3/1





OPPONENT Start from	-	odd/subtract								
QUESTIONS ASKED	OPPC	SITION (SPEECH)				DISC	JSSION WITH REPO	RTER		ANSWERS TO JURY and
too few, mostly irrelevant		understanding of presentation	topics raised and their prioritisation	own opinions presented	time management		topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion	REVIEWER'S QUESTIONS  concise and correct or no
1 unclear points in the report	0	almost nothing	almost none	too few	poor	Ð	almost none	too few	poor/aggressive	questions asked
+ short, apt and clear, well	1,00	some main points	too few/many	sõme	reasonable	1	too few/many	some	some aspects fine	= '
2 prioritised, all time _sed	2	main points	partially relevant	some correct	fair	3	partially relevant	some correct	~ <b>g</b> \$700	some incorrect, inconclusive or too long
prioritises, an time 33ea	3 -	all relevant points	mostly relevant	many correct	efficient		mostly relevant	many correct	some aspects efficient	
NOTES:	4	practically all points	+ well prioritised	+ improvement suggestions	+ all time used	4	+ well prioritised	+ improvement suggestions	overall efficient	deeply incorrect or shows deep misconceptions

REVIEWER Start from 1 and add/	subtract ±	= 5							
QUESTIONS ASKED	REVIEW OF REPORT		REVIE	EW OF OPPOSIT	TION	DISCUSSION AN	ALYSIS	MISSED POINT	S ANSWERS TO JURY
too few, mostly irre evant	evaluation &	pros & cons	l	speech	pros & cons	discussion evaluation	correct own opinions	POINTED OUT	QUESTIONS
relevant, meant to clarify unclear points	understanding  Door/wrong	prioritisation irrelevant	0 -	evaluation poor/wrong	prioritisation irrelevant	0 poor	irrelevant	.1 irrelevant	concise and correct or no questions asked
+ suitably allotted to Rep & Opp, most time used	superficial	partially relevant/correct	1	superficial	partially relevant/correct	uperficial	(one	none	some incorrect,
+ short, apt and crear, well prioritised,	600g	mostly correct/prioritised	5	(good)	mostly correct/prioritised	relevant parts	many	relevant,	inconclusive or too long
time managed efficiently	apt, accurate	fully adequate, well prioritised	2	apt & accurate	fully adequate, well prioritised	accurate, Convinicing	fully adequate	construction	deeply incorrect or shows deep misconceptions

NOTES:

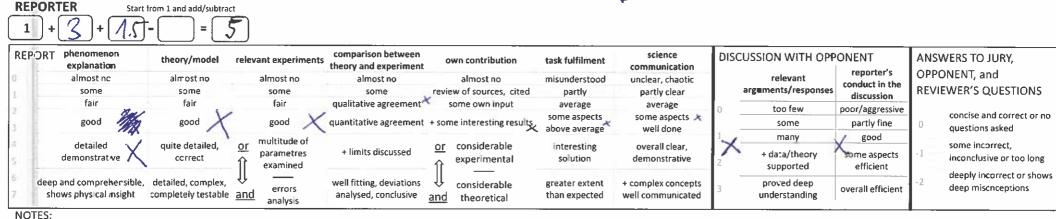
. FIGHT3

STAGE 3

MARTONAL

overall efficient

+ improvement suggestions



**OPPONENT** Start from 1 and add/subtract QUESTIONS ASKED OPPOSITION (SPEECH) **DISCUSSION WITH REPORTER** ANSWERS TO JURY and too few, mostly irrelevant understanding of topics raised and their own opinions time topics raised and their opponent's conduct in **REVIEWER'S QUESTIONS** own opinions presented presentation prioritisation presented management prioritisation the discussion concise and correct or no relevant, aimed at resolving almost none almost nothing too few almost none too few poor/aggressive poor unclear points in the report questions asked some main points too few/many some reasonable too few/many some some aspects fine some incorrect. + short, apt and clear, well main points partially relevant some correct fair partially relevant some correct good prioritised, all time used inconclusive or too long many correct all relevant point many correct X mostly relevant some aspects efficien mostly relevant efficient X deeply incorrect or shows

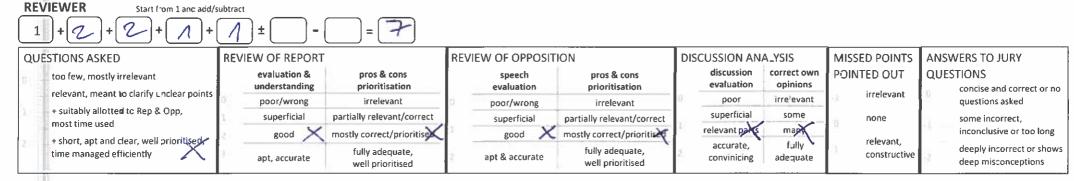
all time used

well prioritised

+ improvement

suggestions

+ well prioritised



NOTES:

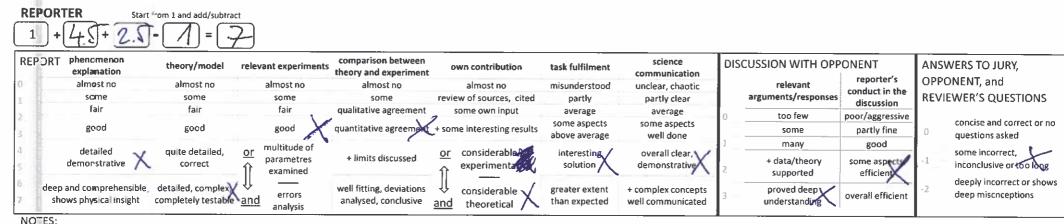
NOTES:

deep misconceptions

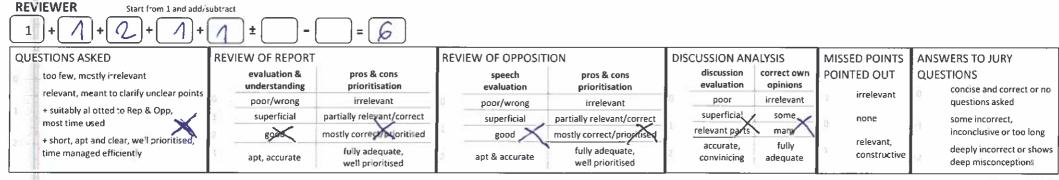
practically all points

# FIGHT 3

### STAGE 2



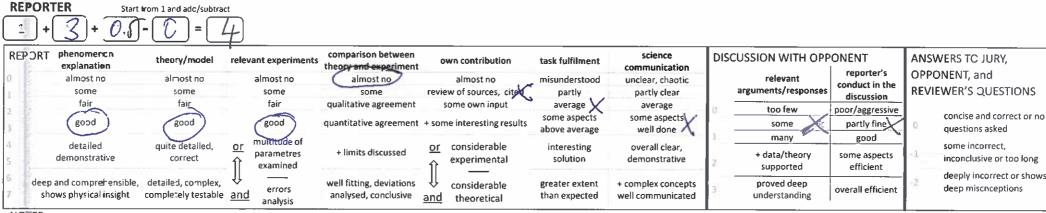
**OPPONENT** Start from 1 and add/subtract QUESTIONS ASKED OPPOSITION (SPEECH) **DISCUSSION WITH REPORTER** ANSWERS TO JURY and too few, mostly irre evant understanding of topics raised and their own opinions topics raised and their opponent's conduct in time **REVIEWER'S QUESTIONS** own opinions presented presentation prioritisation presented management prioritisation the discussion relevant, aimed at resolving concise and correct or no almost nothing almost none too few poor almost none too few poor/aggressive unclear points in the repo questions asked some main points too few/many too few/many some reasonable some some aspects fine + short, apt and clear, well some incorrect, partially relevant main points some correct fair partially relevant some correct good prioritised, all time used inconclusive or too long all relevant points mostly relevant efficien mostly relevant many correct many correct some aspects efficient deeply incorrect or shows NOTES: + improvement practically all points + well prioritised + well prioritised + improvement suggestions overall efficient deep misconceptions suggestions all time used



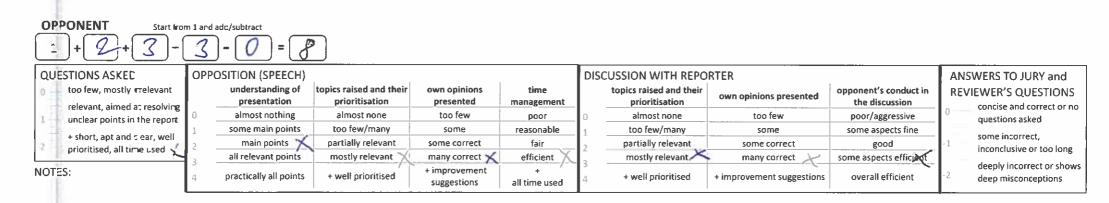
FIGHT 3

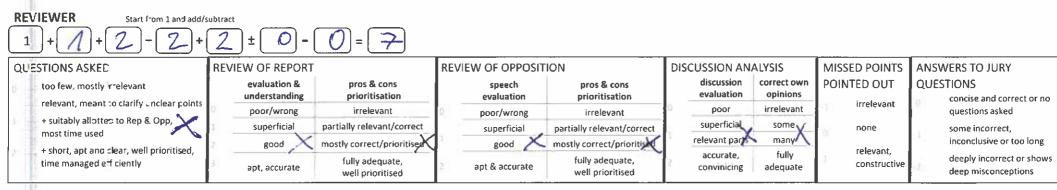
STAGE1

MARTONAR



NOTES:





+ well prioritised

+ improvement suggestions

overall efficient

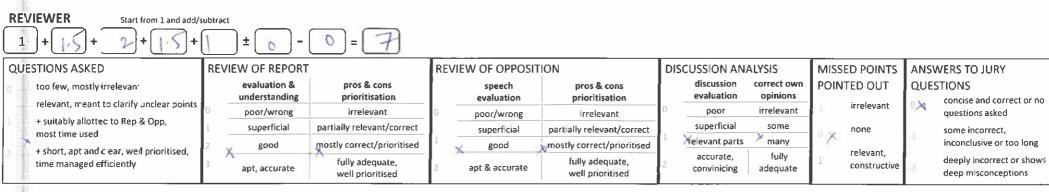
Ijaz Mohammed



TAC	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISC	CUSSION WITH OPP		ANSWERS TO JURY,
	almost no	almost no	almost no	almost no	almost no	misunderstood	unclear, chaotic	1	relevant	reporter's	OPPONENT, and
	some	some	some	some	review of sources, cited	partly	partly clear	1	arguments/responses	conduct in the discussion	REVIEWER'S QUESTION
	fair	fair	fair	qualitative agreement	some own input 💢	average	average	0	too few	poor/aggressive	
	good	good	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done	ľ	some	partly fine	concise and correct of questions asked
	detaile <b>d</b> demonstrative	quite detailed, correct	or multitude of parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	2	+ data/theory supported	some aspects efficient	some incorrect, inconclusive or too lo
	and comprenensible ws physical insight	detailed, complex, completely testable	and errors	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	3 =	proved deep understanding	overall efficient	deeply incorrect or sl deep miscnceptions

**OPPONENT** Start from 1 and acd/subtract QUESTIONS ASKED **OPPOSITION (SPEECH) DISCUSSION WITH REPORTER** ANSWERS TO JURY and too few, mostly irrelevan: understanding of topics raised and their own opinions topics raised and their time opponent's conduct in REVIEWER'S QUESTIONS own opinions presented presentation prioritisation presented management prioritisation the discussion relevant, aimed at resolving concise and correct or no almost nothing almost none too few poor almost none too few poor/aggressive 1 Hay unclear points in the report questions asked some main points too few/many some reasonable too few/many some some aspects fine + short, apt and clear, west some incorrect, main points partially relevant X some correct fair partially relevant some correct good 💥 prioritised, all time used inconclusive or too long all relevant points mostly relevant many correct efficient mostly relevant many correct some aspects efficient deeply incorrect or shows NOTES: + improvement

all time used



NOTES:

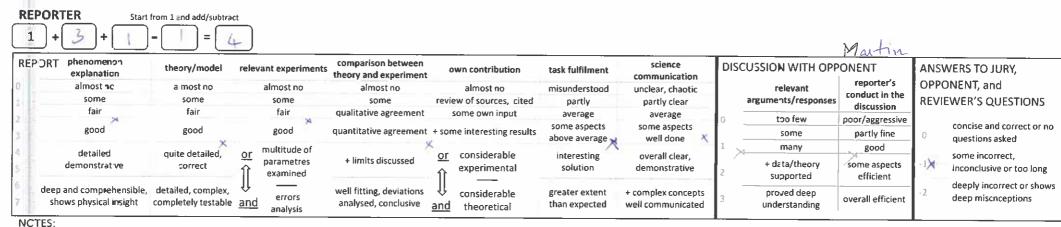
tYPT - November 2022

deep misconceptions

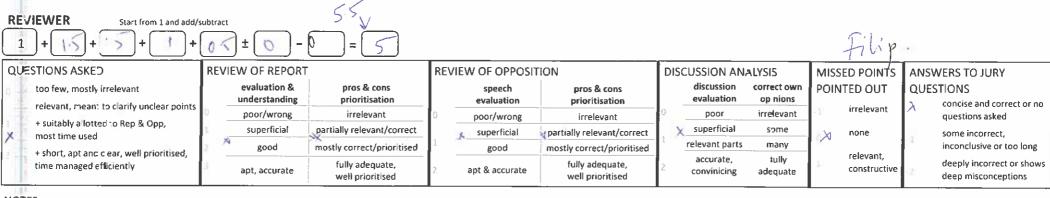
practically all points

+ well prioritised

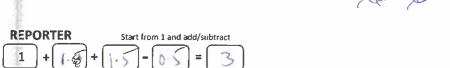
suggestions



OP	PONENT Start from	m 1 and add/subtract	5						Kalol	
QU	ESTIONS ASKED	OPPOSITION (SPE	CH)			DISC	JSSION WITH REPO	RTER		ANSWERS TO JURY and
0 +	too few, mostly irrelevant relevant, aimed at resolving	understandir presentatio		r own opinions presented	time management		topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion	REVIEWER'S QUESTIONS
1 )	unclear points in the report	0 almost noth	ng almost none	too few	poor	0	almost none	too few	poor/aggressive	questions asked
1	+ short, apt and clear, we l	1 some main po	nts too few/many	✓ some	reasonable	1	too few/many	some	some aspects fine	
2	prioritised, all time used	2 main point	partially relevant	some correct	→ fair	2 X	partially relevant	some correct	`x good	some incorrect, inconclusive or too long
	promised, an fer clused	all relevant po	ints mostly relevant	many correct	efficient	2	mostly relevant	many correct	some aspects efficient	-
NCTI	ES:	4 practically all p	+ well prioritised	+ improvement suggestions	+ all time used	4	+ well prioritised	+ improvement suggestions	overall efficient	deeply incorrect or shows deep misconceptions



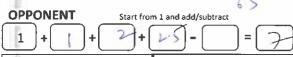




Marian

TAC	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH OPP		ANSWERS TO JURY,
	almost no	almost no 🛴	almost no	almost no	almost no	misunderstood	unclear, chaotic	relevant	reporter's	OPPONENT, and
	some ×	some ^	some	some X	review of sources, cited 🗴	partly 🔀	partly clear	arguments/responses	conduct in the discussion	REVIEWER'S QUESTION
	fair	fair	fair	qualitative agreement	some own input	average	average	0 too few	poor/aggressive	1
	good	good	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done	some	partly fine	concise and correct of questions asked
	detailed demonstrative	quite detailed, correct	or multitude of parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative	1 many + data/theory 2 supported	good some aspects efficient	some incorrect, inconclusive or too k
	1.00	detailed, complex, completely testable	and errors	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated	3 proved deep understanding	overall efficient	deep miscnceptions

NOTES:

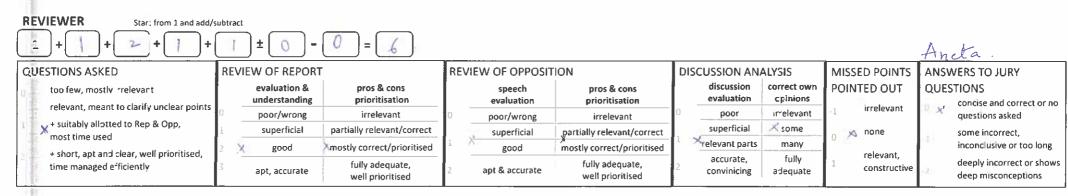


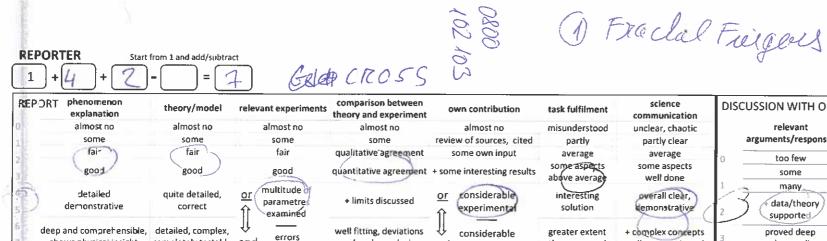
Lujea Lea

QUESTIONS ASKED too few, mostly irrelevant relevant, aimed at resolving	OPPOSITION (SPEECH) understanding of presentation	topics raised and their prioritisation	own opinions presented	time management
1 - unclear points in the report	0 almost nothing	almost none	too few	poor
+ short, apt and clear, well	some main points	too few/many	some	reasonable
prioritised all time used	2 main points	partially relevant	some correct	∖ fair
prioritised, ar time used	all relevant points	mostly relevant	many correct	efficient
NOTES:	4 practically all points	+ well prioritised	+ improvement suggestions	+ all time used

	topics raised and their prioritisation	own opinions presented	opponent's conduct is the discussion
_	almost none	too few	poor/aggressive
	too few/many	some	some aspects fine
	partially relevant	some correct	good
36	mostly relevant	many correct	some aspects efficient
,-	+ well prioritised	+ improvement suggestions	overall efficient

ANS	WERS TO JURY and
REVI	EWER'S QUESTIONS
K 0	concise and correct or no questions asked
-1	some incorrect, inconclusive or too long
-2	deeply incorrect or shows





analysed, conclusive

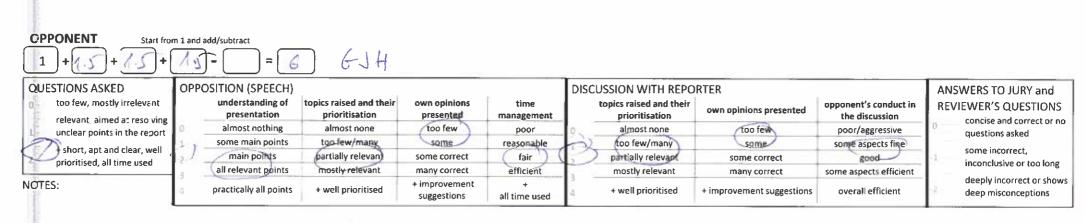
and

theoretical

scuss	SION WITH OPP	ONENT	ANSWERS TO JURY,
relevant reporter's conduct in the discussion		conduct in the	OPPONENT, and REVIEWER'S QUESTIONS
	too few	poor/aggressive	concise and correct or no
	some	partly fine	questions asked
44	many	good	some incorrect.
<u> </u>	data/theory supported	some aspects efficient	inconclusive or too long deeply incorrect or shows
	proved deep understanding	overall efficient	deep miscnceptions
			<u> </u>

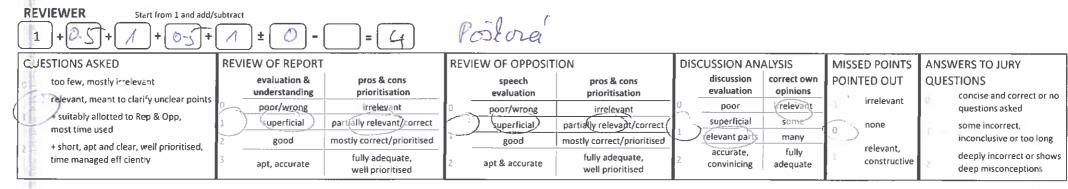
NOTES:

shows physical insight



than expected

well communicated

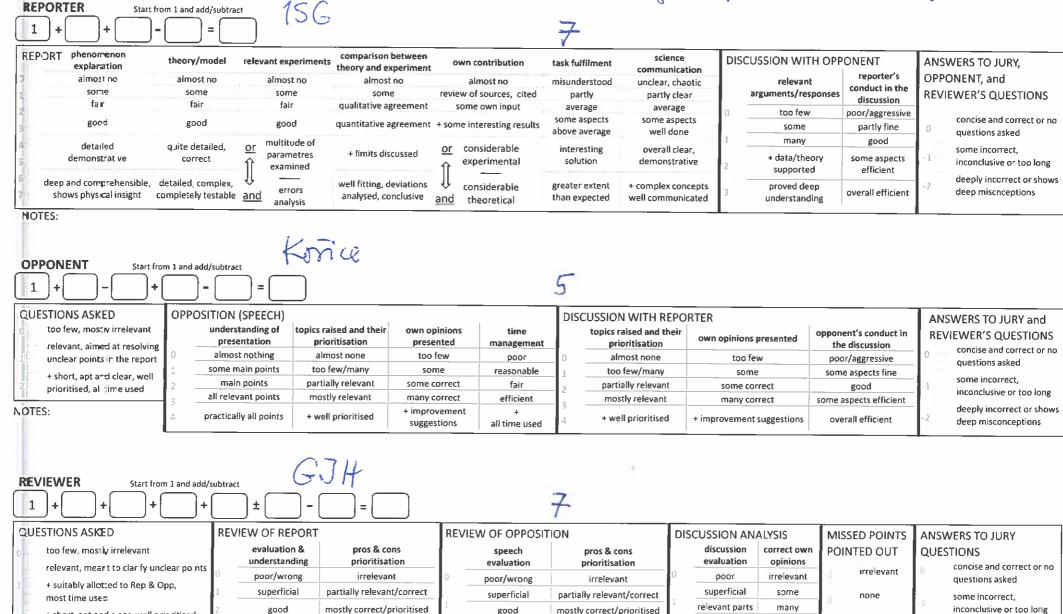


NOTES:

completely testable and

analysis

Magretic-Medranical Oxcillation



apt & accurate

fully adequate.

well prioritised

apt, accurate

NOTES:

deeply incorrect or shows

deep misconceptions

relevant.

constructive

accurate,

convinicing

fully adequate.

well prioritised

fully

adequate

+ short, apt and clear, well prioritised,

time managed efficiently

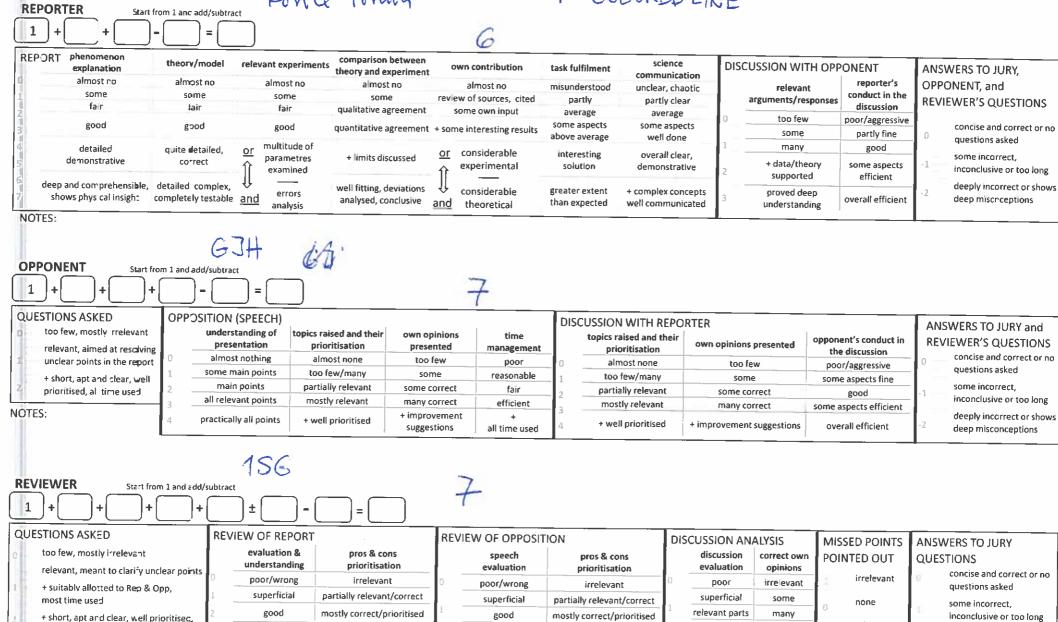
Konice Portug

fully adequate,

well prioritised

apt, accurate

4 COLORED LINE



apt & accurate

time managed efficiently

deeply incorrect or shows

deep miscorceptions

relevant,

constructive

accurate.

convinicing

fully adequate,

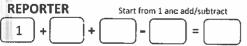
well prioritised

fully

adequate

EULER'S PENDULEM





REPOI	RT phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication
	almost no	almost no	almost no	almost no	almost no	misunderstood	unclear, chaotic
	some	some	some	some	review of sources, cited	partly	partly clear
	fair	fair	fair	qualitative agreement	some own input	average	average
	good	good	good	quantitative agreement	+ some interesting results	some aspects above average	some aspects well done
	detailed demonstrative	quite detailed, correct	or multitude of parametres examined	+ limits discussed	or considerable experimental	interesting solution	overall clear, demonstrative
de	eep and comprehensible, shows physical insight	detailed, complex, completely testable	and errors analysis	well fitting, deviations analysed, conclusive	considerable and theoretical	greater extent than expected	+ complex concepts well communicated
NOTE	ç,						<del></del>

GJH

relevant arguments/responses	reporter's conduct in the discussion
too few	poor/aggressive
some	partly fine
many	good
+ data/theory supported	some aspects efficient
proved deep understanding	overall efficient

	ANSWERS TO JURY,		
ie	OPPONENT, and		
_	KEVIE	WER'S QUESTIONS	
ve	0 -	concise and correct or no questions asked	
s	-1	some incorrect, inconclusive or too long	
nt	-2	deeply incorrect or shows deep miscnceptions	

NOTES:







QUESTIONS ASKED too few, most y irrelevant relevant, aimed at resolving	OPPOSITION (SPEECH) understanding of presentation	topics raised and their	own opinions presented	time management
unclear points in the report	0 almost nothing	almost none	too few	poor
I short astered days well	some main points	too few/many	some	reasonable
+ short, apt and clear, well prioritised, a litime used	2 main points	partially relevant	some correct	fair
prioritised, a ruine used	all relevant points	mostly relevant	many correct	efficient
NOTES:	4 practically all points	+ well prioritised	+ improvement suggestions	+ all time used

DIS	CUSSION WITH REPO	RTER	
	topics raised and their prioritisation	own opinions presented	opponent's conduct in the discussion
0	almost none	too few	poor/aggressive
1	too few/many	some	some aspects fine
2	partially relevant	some correct	good
3	mostly relevant	many correct	some aspects efficient
4	+ well priorit sed	+ improvement suggestions	overall efficient

ANSWERS TO JURY and		
REVIEWER'S QUESTIONS		
concise and correct or no questions asked		
some incorrect, inconclusive or too long		
deeply incorrect or shows deep misconceptions		

1				Konice	
REVIEWER	Start from 1 ar	nd add/subtra	ct		
1 +	+	]+[	±	= =	

7
7

QUESTIONS ASKED	REVIE
too few, most y rrelevant	
relevant, meant to clarify unclear points	0
+ suitably allotted to Rep & Opp, most time used	1 -
+ short, apt and clear, well prioritised, time managed efficiently	3

evaluation & understanding	pros & cons prioritisation
poor/wrong	irrelevant
superficial	partially relevant/correct
good	mostly correct/prioritised
apt, accurate	fully adequate, well prioritised

speech evaluation	pros & cons prioritisation
poor/wrong	irrelevant
superficial	partially relevant/correct
good	mostly correct/prioritised
apt & accurate	fully adequate, well prioritised

DISC	CUSSION ANA	ALYSIS	١
	discussion evaluation	correct own opinions	Р
	poor	irrelevant	-1
	superficial	some	:64
	relevant parts	many	33
	accurate, convinicing	fully adequate	Ä

ISSED POINTS	ANSWERS TO JURY	
DINTED OUT	QUESTIONS	
irrelevant	concise and correct or no questions asked	
none	some incorrect,	
relevant, constructive	incorclusive or too long	
	deeply incorrect or shows deep misconceptions	