Physics examination Winter 2021

10.02.2022

Last Name	
First name	
university ID	
Group No. /Tutor	
Exam number	

Problem	1	2	3	4	5	6	7	8	Σ
Points									

<u>Useful numbers:</u>

- gravity $g = 9{,}81\,m/s^2$
- density of water $\rho_{Wasser} = 1000\,kg/m^3$
- temperature scale: $0^o C$ entsprechen $273{,}15\,K$
- gas constant $R = 8{,}31\,J/mol \cdot K$

problem 1 (10 points)   points:

problem 2 (10 points)   points:

problem 3 (10 points)   points:

problem 4 (10 points)   points:

problem 5 (10 points)   points:

problem 6 (10 points)   points:

problem 7 (10 points)   points:

problem 8 (10 points)

points:

additional paper for problem _____
(please only use for this one problem)

additional paper for problem _____
(please only use for this one problem)

additional paper for problem _____
(please only use for this one problem)