

Séclage des notes.

Imagerie.

clairfondaine

Carbale

Or Densité  $\gamma_1, \gamma_2 = \rho_1 \pi R_1^2 l d_3$

**Q1** Def Part  $\rightarrow$  p eq rep-les.

**Q2** Part  $\rightarrow$  hors Part  $\rightarrow$  or

**Q3**  $\int_{-1}^1 dx = 2$

**Q4**  $\frac{d}{dx} \ln x = \frac{1}{x}$

**Q5**  $\frac{d}{dx} x^2 = 2x$

**Q6**  $\frac{d}{dx} \ln x = \frac{1}{x}$

**Q7**  $\frac{d}{dx} x^3 = 3x^2$

**Q8**  $\frac{d}{dx} x^4 = 4x^3$

**Q9**  $\frac{d}{dx} x^5 = 5x^4$

**Q10**  $\frac{d}{dx} x^6 = 6x^5$

**Q11**  $\frac{d}{dx} x^7 = 7x^6$

**Q12**  $\frac{d}{dx} x^8 = 8x^7$

**Q13**  $\frac{d}{dx} x^9 = 9x^8$

**Q14**  $\frac{d}{dx} x^{10} = 10x^9$

**Q15**  $\frac{d}{dx} x^{11} = 11x^{10}$

**Q16**  $\frac{d}{dx} x^{12} = 12x^{11}$

**Q17**  $\frac{d}{dx} x^{13} = 13x^{12}$

**Q18**  $\frac{d}{dx} x^{14} = 14x^{13}$

**Q19**  $\frac{d}{dx} x^{15} = 15x^{14}$

**Q20**  $\frac{d}{dx} x^{16} = 16x^{15}$

**Q21**  $\frac{d}{dx} x^{17} = 17x^{16}$

**Q22**  $\frac{d}{dx} x^{18} = 18x^{17}$

**Q23**  $\frac{d}{dx} x^{19} = 19x^{18}$

**I - Equation**

**Q1** sphere en fusi

**Q2**  $\Sigma$  bloc en principe

**Q3**  $\frac{d}{dx} x^2 = 2x$

**Q4**  $\frac{d}{dx} x^3 = 3x^2$

**Q5**  $\frac{d}{dx} x^4 = 4x^3$

**Q6**  $\frac{d}{dx} x^5 = 5x^4$

**Q7**  $\frac{d}{dx} x^6 = 6x^5$

**Q8**  $\frac{d}{dx} x^7 = 7x^6$

**Q9**  $\frac{d}{dx} x^8 = 8x^7$

**Q10**  $\frac{d}{dx} x^9 = 9x^8$

**Q11**  $\frac{d}{dx} x^{10} = 10x^9$

**Q12**  $\frac{d}{dx} x^{11} = 11x^{10}$

**Q13**  $\frac{d}{dx} x^{12} = 12x^{11}$

**Q14**  $\frac{d}{dx} x^{13} = 13x^{12}$

**Q15**  $\frac{d}{dx} x^{14} = 14x^{13}$

**Q16**  $\frac{d}{dx} x^{15} = 15x^{14}$

**Q17**  $\frac{d}{dx} x^{16} = 16x^{15}$

**Q18**  $\frac{d}{dx} x^{17} = 17x^{16}$

**Q19**  $\frac{d}{dx} x^{18} = 18x^{17}$

**Q20**  $\frac{d}{dx} x^{19} = 19x^{18}$

**Q21**  $\frac{d}{dx} x^{20} = 20x^{19}$

**Q22**  $\frac{d}{dx} x^{21} = 21x^{20}$

**I - Evolution de T**

**Q1**  $\Sigma$  bloc en principe

**Q2**  $\frac{d}{dx} x^2 = 2x$

**Q3**  $\frac{d}{dx} x^3 = 3x^2$

**Q4**  $\frac{d}{dx} x^4 = 4x^3$

**Q5**  $\frac{d}{dx} x^5 = 5x^4$

**Q6**  $\frac{d}{dx} x^6 = 6x^5$

**Q7**  $\frac{d}{dx} x^7 = 7x^6$

**Q8**  $\frac{d}{dx} x^8 = 8x^7$

**Q9**  $\frac{d}{dx} x^9 = 9x^8$

**Q10**  $\frac{d}{dx} x^{10} = 10x^9$

**Q11**  $\frac{d}{dx} x^{11} = 11x^{10}$

**Q12**  $\frac{d}{dx} x^{12} = 12x^{11}$

**Q13**  $\frac{d}{dx} x^{13} = 13x^{12}$

**Q14**  $\frac{d}{dx} x^{14} = 14x^{13}$

**Q15**  $\frac{d}{dx} x^{15} = 15x^{14}$

**Q16**  $\frac{d}{dx} x^{16} = 16x^{15}$

**Q17**  $\frac{d}{dx} x^{17} = 17x^{16}$

**Q18**  $\frac{d}{dx} x^{18} = 18x^{17}$

**Q19**  $\frac{d}{dx} x^{19} = 19x^{18}$

**Q20**  $\frac{d}{dx} x^{20} = 20x^{19}$

**Q21**  $\frac{d}{dx} x^{21} = 21x^{20}$

**Q22**  $\frac{d}{dx} x^{22} = 22x^{21}$

**Q10**  $\frac{dT}{dt} = \frac{P_1}{R_1} - \frac{P_2}{R_2}$

**Q11**  $T_1 - T_2 = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q12**  $T_3 - T_2 = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q13**  $T_4 - T_3 = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q14**  $T_5 - T_4 = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q15**  $T_6 - T_5 = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q16**  $T_7 - T_6 = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q17**  $T_8 - T_7 = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q18**  $T_9 - T_8 = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q19**  $T_{10} - T_9 = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q20**  $T_{11} - T_{10} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q21**  $T_{12} - T_{11} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q22**  $T_{13} - T_{12} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q23**  $T_{14} - T_{13} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q24**  $T_{15} - T_{14} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q25**  $T_{16} - T_{15} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q26**  $T_{17} - T_{16} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q27**  $T_{18} - T_{17} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q28**  $T_{19} - T_{18} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q29**  $T_{20} - T_{19} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q30**  $T_{21} - T_{20} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q31**  $T_{22} - T_{21} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$

**Q32**  $T_{23} - T_{22} = \frac{P_1 R_1}{h_1} - \frac{P_2 R_2}{h_2}$