Exam: Informatica II

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Expressions for assignment 1

$$v1 = \begin{pmatrix} 10 & 9 & 8 & 7 & 6 & 5 & 4 & 3 & 2 & 1 \end{pmatrix} \tag{1.1}$$

$$v2 = \begin{pmatrix} 3 & 6 & 9 & 12 & 15 & 18 & 21 & 24 & 27 & 30 \end{pmatrix} \tag{1.2}$$

$$M = \begin{pmatrix} 1 & 11 & 21 & 31 & 41 & 51 & 61 & 71 & \dots & 291 \\ 2 & 12 & 22 & 32 & 42 & 52 & 62 & 72 & \dots & 292 \\ 3 & 13 & 23 & 33 & 43 & 53 & 63 & 73 & \dots & 293 \\ 4 & 14 & 24 & 34 & 44 & 54 & 64 & 74 & \dots & 294 \\ 10 & 20 & 30 & 40 & 50 & 60 & 70 & 80 & \dots & 300 \end{pmatrix} \tag{1.3}$$

$$\sqrt[5]{12/(19-7)}, \quad \frac{\log(1)+\log(2)}{\frac{\pi+1}{\pi-1}}, \quad \log\left(\frac{\sin(2)}{e^2}\right) \tag{1.4}$$

where e is the Euler number and log() denotes the decadic (base 10) logarithm.