SUBJECTULT Folosind met tang de pr. T. a lui Hewton calculati:

plicand de la val.

initiala x₁ = 1, efectuand primii 3 pasi. (x₂, x₃, x₄) $f(x) = x^3 - a \iff x^5 = a = x = \sqrt[3]{a} = x = \sqrt[3]{3} = x$ $f'(x) = 3x^2 \qquad x = 1,473$ $\frac{\chi_1 = 1}{\chi_2 = \chi_1 - f(\chi_1)} = \frac{1^3 - 3, \chi}{3 \cdot 1^2} = \frac{3}{1} - \frac{2, \chi}{3} = \frac{3 + 2, \chi}{3}$ $=\frac{5,9}{3} => \times 2 = 1,73$ $x_3 = x_2 - \frac{f(x_2)}{f'(x_2)} = 1,73 - \frac{1,73^2 - 3,2}{3 \cdot 1,73^2} \Rightarrow x_3 = 1,509$ $x_4 = x_3 - \frac{f(x_3)}{f'(x_3)} = 1,509 - \frac{1,509^5 - 3,2}{3 \cdot 1,509^2} = 1,474$ X4 = 1,474 2 3/3,2

Pag. 2.