

| 3) a |) fx + gx = 357, 26; fx=?; gx=? |
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| | 357,26 = 357,2 +0,06 = 0,3572 × 103 + 0,6 × 10-1 |
| | |
| b |) E=?; En=?; trunc |
| . | $0.35726 \times 10^{3} = 0.3572 \times 10^{3} + 0.6 \times 10^{-1} \Rightarrow \times = \bar{\times} + \epsilon_{\alpha} \Rightarrow$ |
| | $\mathcal{E}_{\alpha} = 0,6 \times 10^{-1} \Rightarrow \times -\mathcal{E}_{\alpha} \leq \overline{\times} \leq \times +\mathcal{E}_{\alpha} \Rightarrow$ |
| | $0.35726 \times 10^{3} - 0.6 \times 10^{-1} \le \bar{\chi} \le 0.35726 \times 10^{3} + 0.6 \times 10^{-1} \Rightarrow$ |
| | $357, 2 \le x \le 357, 32$ |
| | $E_n = E_a - 0.6 \times 10^{-1} = 0.1679449 \times 10^{-3}$ |
| | × 0,35726×103 |
| | $\times (1-\varepsilon_n) \leq \overline{\times} \leq \times (1+\varepsilon_n) \Rightarrow$ |
| | 0,35726 × 103(1-0,1679449×103) < x < 0,35726×103 (1+0,1679449×103) |
| | $\overline{X} = \times (1 - \varepsilon_n)$ |
| | 0,3572×103 = 0,35726×103. (1-0,1679449×10-3) |
| c) |) Ea = ?; En = ?; nound |
| | $a_{x} > 0.5 \times 10^{-1} \implies 1_{x} = 0.3573 \times 10^{3}$ |
| | $9 \times 70.5 \times 10^{-1} = 1 \times 10^{-1}$ $Ea = 0.4 \times 10^{-1}$ |
| | $x - \varepsilon_{\alpha} \leq \overline{x} \leq x + \varepsilon_{\alpha}$ |
| | $0.35726 \times 10^{3} - 0.4 \times 10^{-1} \le x \le 0.35726 \times 10^{3} + 0.4 \times 10^{-1}$ |
| | X = x + Ea => x = 0,35726 × 103 + 0,4 × 10-1 |
| | En= Ea = 0,04 = 0,1119633×10-3 |
| | × 357,24 |
| | $\times (1-\varepsilon_n) \leq \overline{\times} \leq \times (3+\varepsilon_n)$ |
| | $0.35726 \times 10^{3} (1-0.1119633 \times 10^{-3}) \le \overline{x} \le 0.35726 \times 10^{3} \cdot (1+0.1119633 \times 10^{-3})$ |
| | $\bar{\chi} = \chi \left(1 + \epsilon_n\right) \Rightarrow \bar{\chi} = 0.35726 \times 10^3 \left(1 + 0.1119633 \times 10^{-3}\right)$ |
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