HW 01 OrKom - 13521024_Ahmad Nadil

Practice Problem 1.1

$$S = \frac{1}{(1-cK) + (6/K)}$$

$$Q = \frac{1506}{25000} = \frac{3}{5} = \frac{0.6}{5}$$

$$= \frac{10}{8} = 1.25 \times$$
b) d-> Distance improvement = $\frac{dz}{di} = \frac{1500}{2500} = 0.6$

$$s = \frac{1}{(1-b) + (\sqrt[4]{k})} = s \cdot 1.67 = \frac{1}{(0.4) + (0.6)}$$

$$1.67 = \frac{1}{2 + \frac{3}{5} + \frac{3}{5} + \frac{2l+3}{5k}} = \frac{5k}{2k+3}$$

$$k = 3,018$$

$$-3 b = \frac{62}{01} = 73,018 = \frac{02}{100} = 102 = 301,8 \frac{m}{h}$$

Practice Problem 1.2

$$0 = 90\% = 0.9$$

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$$0 = -1$$

$$0.9 + 0.9$$

$$0.4 + 3.6 = 1$$

$$4 = \frac{1}{0.1 + 0.9} = 20.4 + \frac{3.6}{10.6} = 1$$

$$1 = 20.4 + \frac{3.6}{10.6} = 6$$