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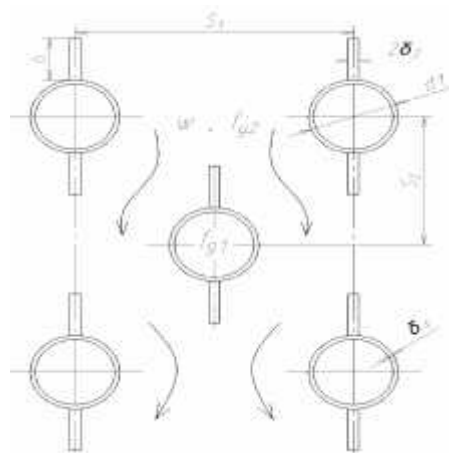
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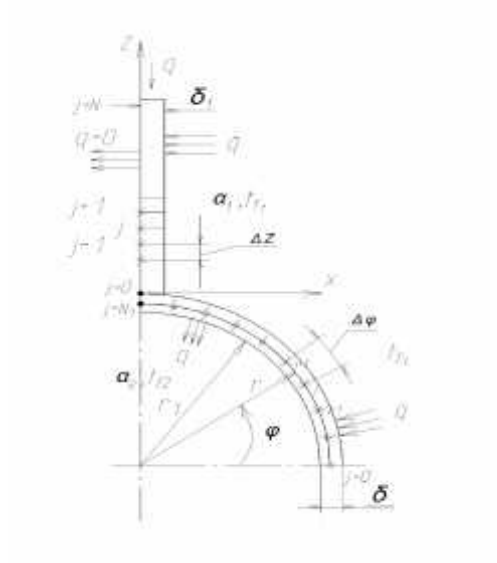
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$$\frac{d^2 t}{dS^2} + \frac{r_1}{\}u_1} \{_1(t_{g1} - t) + \frac{r_2}{\}u_1} \{_2(t_{g2} - t) = 0 \quad (1)$$

$$\{ = 0: - \} \frac{dt}{dS} = 0, \quad (2)$$

$$\{ = \frac{f}{2}: - \} \frac{dt}{dS} = 0, \quad (3)$$

$$: dS = 2 \cdot r_m \cdot d\{, \quad \{_1 = \frac{r_1}{r_m}, \quad \{_2 = \frac{r_2}{r_m}, \quad (4)$$

$$\frac{d^2T}{dz^2} + \frac{r_2}{u_2}(t_{g2} - T) = 0, \quad (5)$$

$$Z = h: - \frac{dT}{dZ} + \frac{r_2(u_2 + 0.5dz)}{u_2}(t_{g2} - T) = 0, \quad (6)$$

$$Z = 0: t = T, \quad (7)$$

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