цилиндрических координатах.

24.

$$\int \frac{1}{z} \frac{dz}{dz} \left(\frac{z}{z} \frac{du}{dz} \right) + \int u = 0$$

$$\int \frac{1}{z} = 0 : \frac{du}{dz} = 0$$

$$\int \frac{1}{z} = 2 : \frac{du}{dz} = du$$

Begun nomen $F:$

$$\int \frac{1}{z} = \frac{dz}{dz} \left(\frac{z}{z} F \right) + \int u = 0$$

$$\tau = 0: \frac{du}{dz} = 0$$

$$\tau = 0: \frac{du}{dz} = du$$

Begun $2 = \frac{z}{z}; dz = \frac{dz}{z}$

$$\int f = -\frac{\lambda}{z} \frac{du}{dz}$$

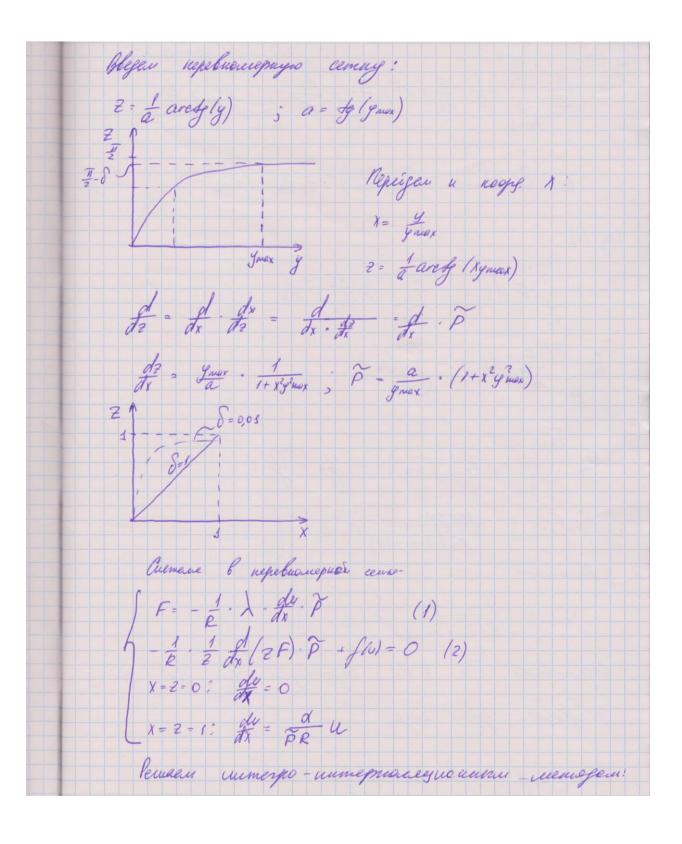
$$\int f = -\frac{\lambda}{z} \frac{du}{dz}$$

$$\int \frac{1}{z} \frac{dz}{dz} \left(\frac{z}{z} F \right) + \int u = 0$$

$$z = 0: \frac{du}{dz} = 0$$

$$z = 0: \frac{du}{dz} = 0$$

$$z = 0: \frac{du}{dz} = \frac{a}{z} u$$



lig (2): 1 S 1 d (2F) P. 2 dx - S flul 2 dx d2 1 (2n+1 Fn+1 - 2n-1 Fn-1) = fn 2n · (2n+1 - 2n-1) (3) $\begin{array}{c} U_3 & |I| : \\ S & F & dx = -\frac{1}{R} \int \lambda \frac{du}{dx} \stackrel{\sim}{P} & dx \\ Y_n & X_{n+1} & X_{n+1} & X_{n+1} \end{array}$ R S F dx = - S du $R = \frac{F_{n+\frac{1}{2}}}{\sqrt{2n+1}} = y_n - y_{n+1}$ $F_{n+\frac{1}{2}} = \frac{y_{n} - y_{n+1}}{R / 2n + (-2n)} \lambda_{n+\frac{1}{2}}$ Ananomomomo : $F_{n-\frac{1}{2}} = \frac{y_{n-1} - y_{n}}{R / 2n - 2n - 1} \lambda_{n-\frac{1}{2}}$ $F_{n-\frac{1}{2}} = \frac{y_{n-1} - y_{n}}{R / 2n - 2n - 1} \lambda_{n-\frac{1}{2}}$ Regemebache (4) 6 (3), группируан Уп-х, Уп ч Упол nongraem gp-ue luge. An yn-s - Bon yn + Cnyn = - Fn Решани прогожной.