

# СДВИГ ОСИ

$$(6x + 5)^2(3x + 2)(x + 1) = 35$$

$$(6x + 5)^2 * 2(3x + 2)6(x + 1) = 35 * 12$$

$$(6x + 5)^2 (6x + 5 - 1)(6x + 6) = 35 * 12$$

$$y = 6x + 5$$

$$y^2 (y - 1)(y + 1) = 35 * 12$$

$$y^2 (y^2 - 1) = 35 * 12$$

$$y^4 - y^2 = 35 * 12$$

$$y^2 = t$$

$$t^2 - t = 35 * 12$$

$$t^2 - t - 35 * 12 = 0$$

$$D = 1 + 4 * 35 * 12 = 1681$$

$$t_1 = (1 + 41) / 2 = 21$$

$$t_2 = (1 - 41) / 2 = -20$$

$$y^2 = 21$$

$$y = \pm \sqrt{21}$$

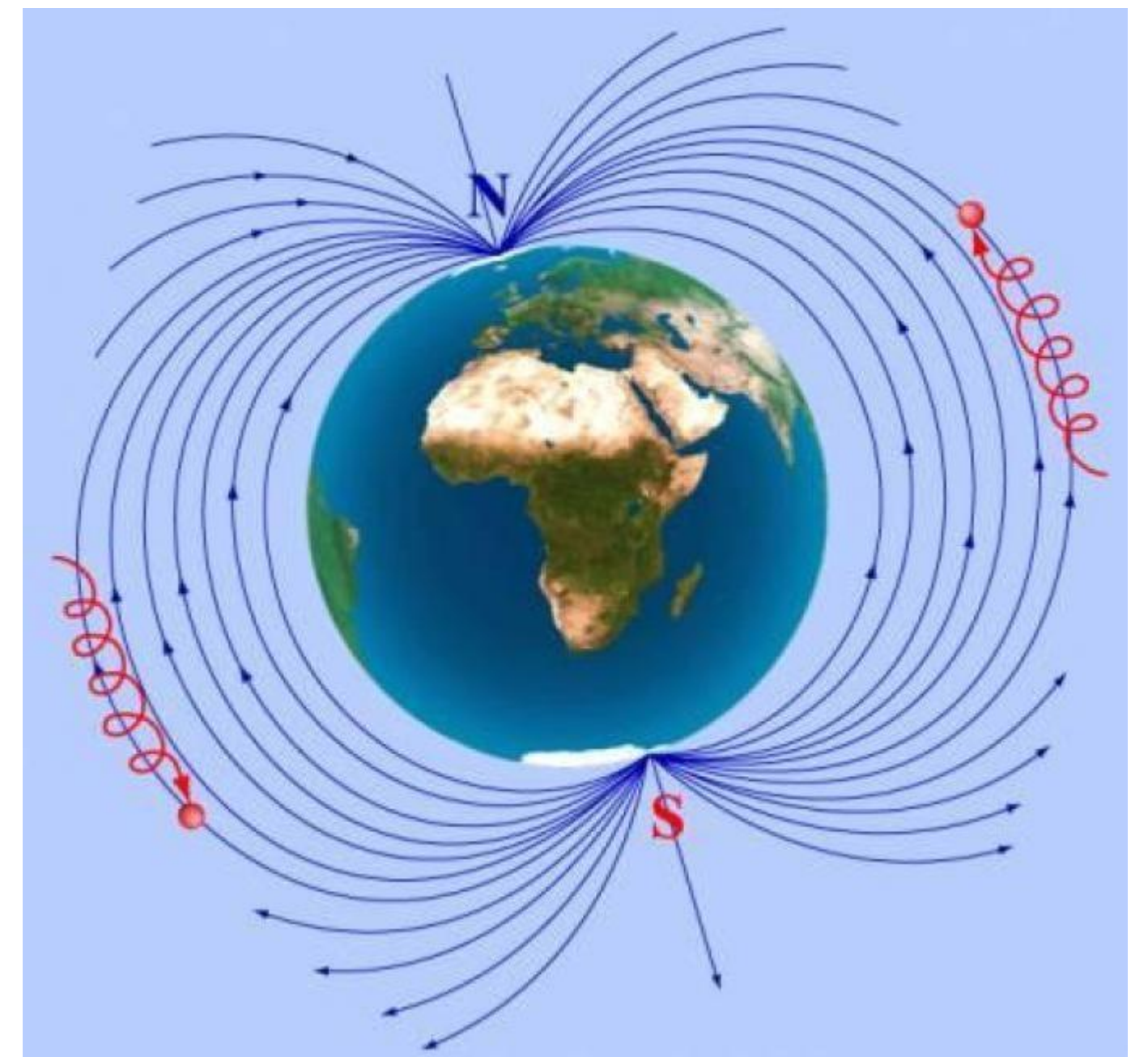
$$y^2 = -20$$

решения нет

$$6x = -5 + \sqrt{21}$$

$$x_1 = (-5 + \sqrt{21}) / 6$$

$$x_2 = (-5 - \sqrt{21}) / 6$$



$$y = x + 7$$

2-ая замена

$$\sqrt{1681} = 41$$

Handwritten calculation showing the square root of 1681 as 41, with a vertical line and a horizontal line indicating the steps of the calculation.