

Zadania

Rozwiązać równania różniczkowe (zad. 8.3 - 8.17):

$$8.3. \frac{dy}{dx} = x + y + 3.$$

$$8.4. \frac{dy}{dx} = 3x - 2y + 1.$$

$$8.5. \frac{dy}{dx} = 5x - 3y + 7.$$

$$8.6. \frac{dy}{dx} = \sin(x - y).$$

$$8.7. \frac{dy}{dx} = \frac{1}{2x + y} + 2x + y - 2.$$

$$8.8. \frac{dy}{dx} = (x + y)^2.$$

$$8.9. \frac{dy}{dx} = (x - y)^2 + 1.$$

$$8.10. \frac{dy}{dx} = (8x + 2y - 3)^2.$$

$$8.11. \frac{dy}{dx} = (8x + 2y + 1)^2.$$

$$8.12. \frac{dy}{dx} = (x + 2y + 3)^2.$$

$$8.13. \frac{dy}{dx} = (4x + 2y + 5)^2.$$

$$8.14. \frac{dy}{dx} = \frac{1}{x + y}.$$

$$8.15. \frac{dy}{dx} = \frac{4}{(x + y)^2}.$$

$$8.16. 2x + 3y - 1 + (4x + 6y - 5) \frac{dy}{dx} = 0.$$

$$8.17. 2x - y + (4x - 2y + 3) \frac{dy}{dx} = 0.$$