1. $y' 2x + 4y y' = x + 2y - 8 + y'$
2. $\frac{dy}{dx} = \frac{x+y+4}{x+y-6}$ } 3 finales
3. $x^2 y' - 3xy - 2y^2 = 0$
4. $y' = \frac{y+1}{\sqrt{x} + \sqrt{xy}}$
5. $y'' + 9y = 5x + 2 \quad y(0) = 5 ; \; y'(0) = -1$ Laplace y Coef. in
6. $y' + x^2 y' - 2xy - 2x - 2x^3 = 0$
7. $y' + y = \cos x$
8. $y'' - 9y = x + e^{2x} - \operatorname{sen} 2x$
9. $\frac{dy}{dx} = \frac{xy - 3y + x - 3}{xy + 2y - x - 2}$ } x 4 (4 finales)
10. $xy' - e^{2x} + y = xy$
11. $y'' - 5y' + 6y = e^{-t} \quad y'(0) = 2 : y(0) = 0$ Laplace y Coef. ind
12. $(x^3 + y^3)dx - xy^2 dy = 0$
13. $(4y + yx^2)dy - x(2 + y^2)dx = 0$
14. $\frac{dy}{dx} = \frac{(y-1)(x-2)(y+3)}{(x-1)(y-2)(x+3)}$
15. $\frac{d^2y}{dx^2} - 3\frac{dy}{dx} + 2y = e^{3x}$ x Variación de paramet
16. $x\,dx + (y - 2x)\,dy = 0$
17. $(2x - 2y)\,dx + (y-1)dy = 0$
18. $y' = \frac{y^2 - 2xy - x^2}{y^2 + 2xy - x^2}$
19. $y'' + y = x$
20. $y'' + y = \tan x$
21. $y'' + y = \sec x$

} x Variación de Parametros