

Raccoglimenti

Periodo 2 - UdA 7

Svolgere i raccoglimenti ove possibile

$$[1] \quad \frac{2x^3+2x^6-3x^4}{-6x^3-6+15x^2}$$

$$[2] \quad \frac{-2x^3+6+4x^2}{-3x^3-3x^2+x^5}$$

$$[3] \quad \frac{12x^2+9x-6x^3}{6x-8x^2-6}$$

$$[4] \quad \frac{-3x^4+x^6+x^3}{3-15x^2+3x^3}$$

$$[5] \quad \frac{-2+6x^2-2x^3}{x^2+x^5-5x^3}$$

$$[6] \quad \frac{-6x+3x^3+3x^2}{2x^2-4+2x}$$

$$[7] \quad \frac{x^3+4+3x}{15x^4+12x^2+3x^5}$$

$$[8] \quad \frac{2x^2-4+4x^3}{x^2+2x^4-2x}$$

$$[9] \quad \frac{2x+x^2+1}{-3x-3x^2-9x^3}$$

$$[10] \quad \frac{1-x^2-2x^3}{-3x^2+6x^5+3x^3}$$

SOLUZIONI

Raccoglimenti

Periodo 2 - UdA 7

$$[1] \quad -\frac{x^3(2x^3-3x+2)}{3(2x^3-5x^2+2)}$$

$$[2] \quad -\frac{2(x^3-2x^2-3)}{x^2(x^3-3x-3)}$$

$$[3] \quad -\frac{3x(-2x^2+4x+3)}{2(4x^2-3x+3)}$$

$$[4] \quad \frac{x^3(x^3-3x+1)}{3(x^3-5x^2+1)}$$

$$[5] \quad -\frac{2(x^3-3x^2+1)}{x^2(x^3-5x+1)}$$

$$[6] \quad \frac{3x(x^2+x-2)}{2(x^2+x-2)}$$

$$[7] \quad \frac{(x^3+3x+4)}{3x^2(x^3+5x^2+4)}$$

$$[8] \quad \frac{2(2x^3+x^2-2)}{x(2x^3+x-2)}$$

$$[9] \quad -\frac{(x^2+2x+1)}{3x(3x^2+x+1)}$$

$$[10] \quad -\frac{(2x^3+x^2-1)}{3x^2(2x^3+x-1)}$$