Gerdt 6

`gerdt6`

February 24, 1997

Variables: x ; y ; z ; t

Equations:

$$-2y^3z + 6x^2zt - 6xyzt + 3y^2zt - yzt^2 - 6x^2t + 6xyt - 2y^2t;$$

$$18x^2yz^2 - 18xy^2z^2 + 18y^3z^2 - 63x^2z^2t + 63xyz^2t - 27y^2z^2t + 9yz^2t^2 - 18x^2yz + 18xy^2z - 9y^3z + 78x^2zt - 78xyzt + 24y^2zt - 15x^2t + 15xyt - 5y^2t;$$

$$-8y^4z + 12x^2yzt - 12xy^2zt + 6y^3zt + 18x^2zt^2 - 18xyzt^2 + 5y^2zt^2 - 3yzt^3 - 12x^2yt + 12xy^2t - 6y^3t - 18x^2t^2 + 18xyt^2 - 4y^2t^2;$$

$$10x^3z - 15x^2yz + 3xy^2z + 3x^2zt - xzt^2 - 10x^3 + 15x^2y - 5xy^2 - 3x^2t + xyt;$$

References

[1] D. Bini and B. Mourrain. Polynomials test suite. 1996.