Hunecke

`huneke`

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Variables: x ; y ; z ; t ; u

Equations:

$-x^5 - y^5 - z^5 - t^5 + 5xyztu - u^5$;
$xy^3z + yz^3t + x^3yu + zt^3u + xtu^3$;
$x^2yz^2 + y^2zt^2 + x^2t^2u + xy^2u^2 + z^2tu^2$;
$xyz^5 - y^4z^2t - 2x^2y^2ztu + xz^3t^2u - x^4tu^2 + yzt^2u^3 + xyu^5$;
$xy^2z^4 - y^5zt - x^2y^3tu + 2xyz^2t^2u + xt^4u^2 - x^2yzu^3 - ztu^5$;
$x^3y^2zt - yz^2t^4 + xy^2z^3u - y^5tu - t^6u + 3xyzt^2u^2 - x^2yu^4 - tu^6$;
$x^4y^2z - xyz^2t^3 - xy^5u - y^3z^2tu - xt^5u + 2x^2yztu^2 + zt^2u^4$;
$y^6z + yz^6 + x^2y^4u - 3xy^2z^2tu + z^4t^2u - x^3ztu^2 - xyt^3u^2 + yzu^5$;

Is the variety irreducible? (absolutely?)

References

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