Pavelle Macsyma conference example

`pavelle`

February 24, 1997

Variables: x ; y ; z ; t ; u ; v ; w ; a

Equations:
$xy + xz + xt - u^2$;
$xy + yz + yt - v^2$;
$xz + yz + zt - w^2$;
$xt + yt + zt - a^2$;

A polynomial system of equations coming from the field of emulsion chemistry. The exact reference where this example appears is R. Pavelle, "Macsyma: capabilities and applications to problems of engineering and the sciences", Technical Report, Symbolics 1985 (6.1: emulsion chemistry).

References

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