

OpenGeoProver Output for conjecture “geothm_zadatak”

Wu’s method used

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1 Invoking the theorem prover

The used proving method is Wu’s method.

The input system is:

$$\begin{aligned}p_1 &= x_3x_1 - x_1^2 \\p_2 &= x_6x_3 - x_6x_1 + x_5x_2 - x_3^2 + x_3x_1 - x_2^2 \\p_3 &= 0 \\p_4 &= -x_6^2 + x_6x_3 - x_5^2 + x_5x_2 - x_4^2 \\p_5 &= 0 \\p_6 &= -x_6x_1 \\p_7 &= 0\end{aligned}$$

1.1 Triangulation, step 1

Choosing variable: Trying the variable with index 7.

Error: Variable with index 7 not found in polynomial system.

2 Prover results

Status: Proving failed - general error occurred.