

# 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 system is already triangular.

$$p_1 = 2x_1 -$$

## 2 Final Remainder

### 2.1 Final remainder for conjecture geothm\_zadatak

Calculating final remainder of the conclusion:

$$g = 0$$

with respect to the triangular system.

1. Pseudo remainder with  $p_1$  over variable  $x_1$ :

$$g = 0$$

## 3 Prover results

**Status:** Theorem has been proved.

**Space Complexity:** The biggest polynomial obtained during prover execution contains 2 terms.

**Time Complexity:** Time spent by the prover is 0.004 seconds.

## 4 NDG Conditions

### NDG Conditions in readable form

- There are no NDG conditions for this theorem