

# SYMULATOR UKŁADU AUTOMATYCZNEJ REGULACJI

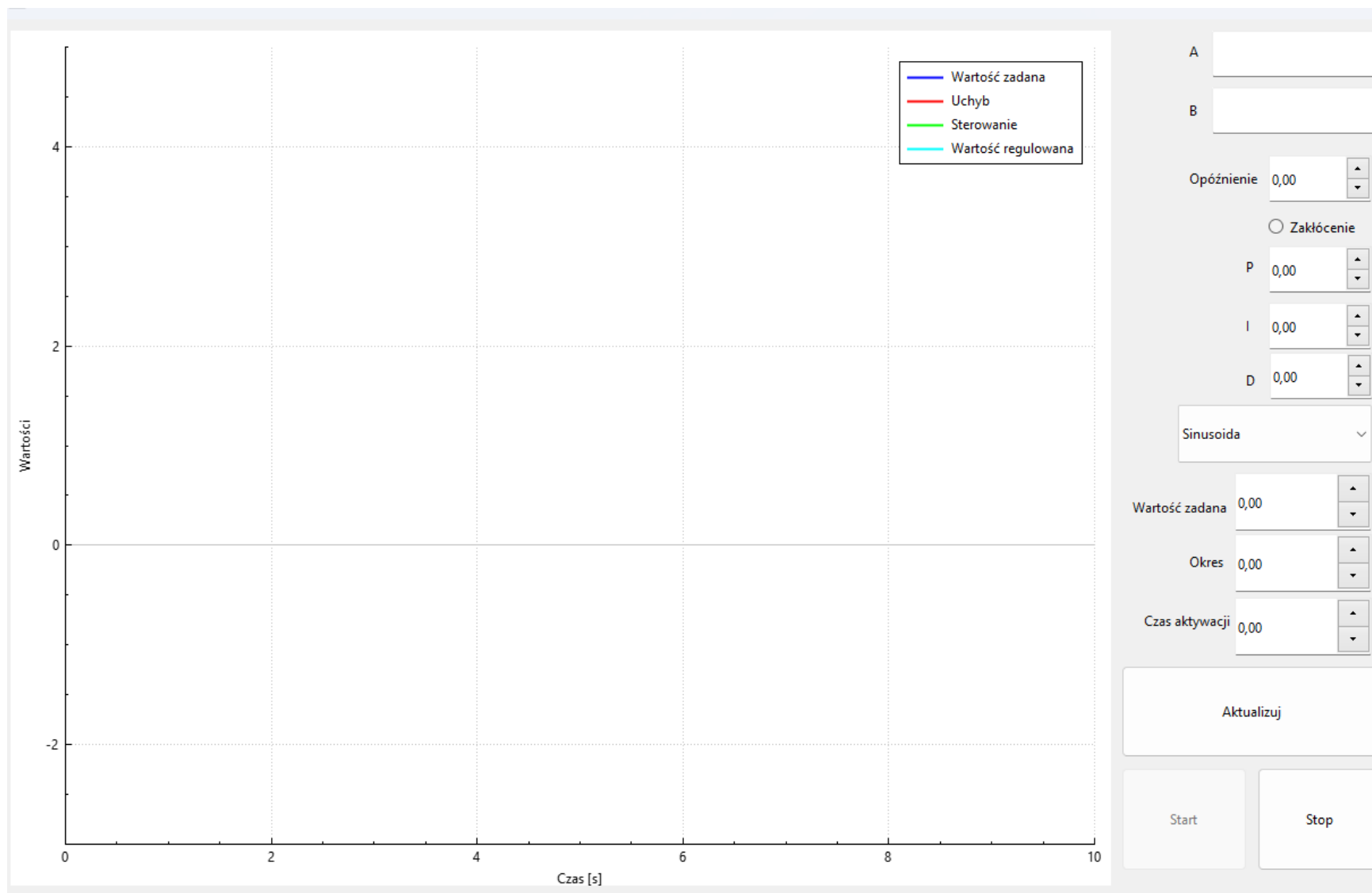
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# Pierwotne GUI

The GUI is titled "Pierwotne GUI" and is displayed on a grid background. It consists of the following elements:

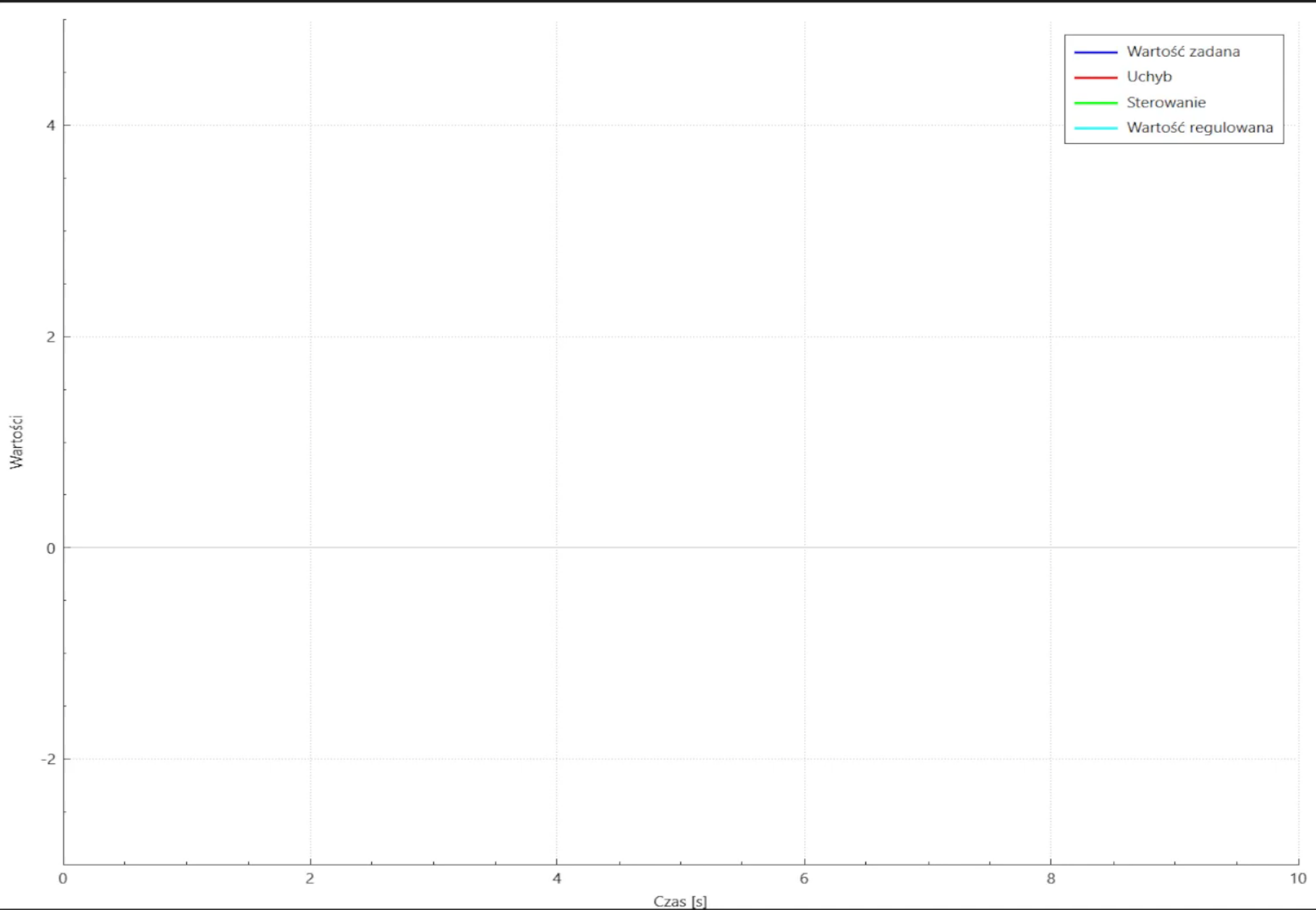
- Plot Area:** A large rectangular area on the left labeled "WYKRESY" (Plots) in the center.
- Data Input Section:** Located on the right, it includes a header "Podaj dane:" (Provide data:). Below this are six input fields arranged in two columns:
  - Left column:
    - współczynnik A: (coefficient A)
    - współczynnik B: (coefficient B)
    - Opóźnienie: (delay)
  - Right column:
    - Nastaw P: (P gain)
    - Nastaw I: (I gain)
    - Nastaw D: (D gain)
- Control Buttons:** At the bottom right, there are two large buttons:
  - A green button labeled "START".
  - A red button labeled "STOP".

# Obecne GUI



# Kłopoty i satysfakcje

- Problem z wpisywaniem większej ilości wektorów
- Tworzenie wykresów za pomocą QCustomPlot



A

B

Opóźnienie  ^ v

☐ Zakłócenie

P  ^ v

I  ^ v

D  ^ v

Sinusoida v

Wartość zadana  ^ v

Okres  ^ v

Czas aktywacji  ^ v

Aktualizuj

Start

Stop

The background is a solid purple color. It features several abstract, organic shapes in a lighter shade of purple. Some of these shapes are filled with a pattern of small white dots. The shapes are scattered across the frame, with some appearing in the corners and others more centrally located.

DZIĘKUJEMY ZA UWAGĘ