

Problem Wk.5.3.2: Wall Follower System Function

Enter the system function of the proportional wall follower $H = \frac{D_o}{D_i}$ by entering the numerator and denominator polynomials in R. Enter the polynomials as expressions the way you would enter them in Python (although dropping * as in normal algebraic notation should also work). You can use the following symbols:

R, T, V, k

(these variables are case-sensitive)

An example of a polynomial in R entered in this format is:

```
k*T*(R**2) - V*(T**2)*R + 1
```

- You need to enter both the numerator and denominator before you can check either. They will be checked together. **The check will be on whether the ratio is correct, not whether the individual parts are correct.**
- Make liberal use of parentheses to avoid ambiguity.

Numerator:

Denominator:

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