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minimum work input to a multistage compressor for 2 stage $\frac{p_2}{p_1} = \frac{p_3}{p_2} = \frac{p_4}{p_3} = \frac{p_5}{p_4} = \frac{p_6}{p_5}$ or $\frac{p_2}{p_1} = \frac{p_3}{p_2} = \frac{p_4}{p_3} = \frac{p_5}{p_4} = \frac{p_6}{p_5}$

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