

$$LP: \int \frac{n dx_n x_n^{n_n-1}}{G^{d/2}} \quad \frac{1}{d} \quad e^{-\frac{d}{2} \ln G}$$

$$\int_0^\infty \frac{dx}{(s+x+x^2+sx^3)^d} \xrightarrow{s \rightarrow 0} s^{1-d} \int \frac{dy}{(1+y+sy^2+s^3y^3)^d}$$

$$\boxed{d \rightarrow \infty} \\ d \rightarrow d_0$$

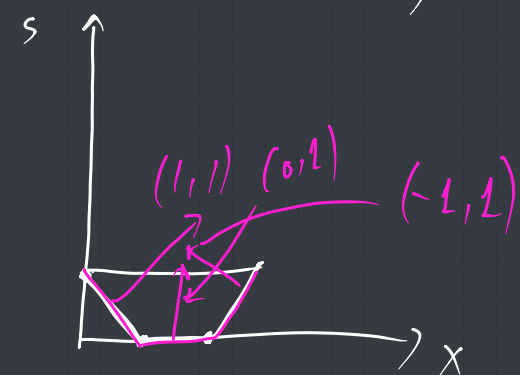
$$s^{1-d} \int \frac{dy}{(1+y)^d} = \frac{s^{1-d}}{1-d}$$

LP

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asym Pak & Smirnov

Newton polytop of $P(x,s)$



$$(d,1) \rightarrow x \sim s^d$$

$$\boxed{x \sim s \rightarrow x = sy}$$

$$\boxed{x \sim s^0 \rightarrow x = y}$$

$$x \sim s^{-1} \rightarrow x = y/s$$