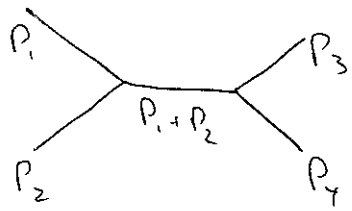
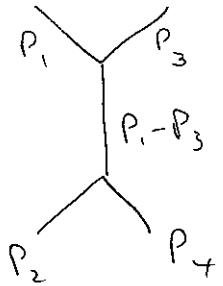
Now to M

"s-channel" diagram



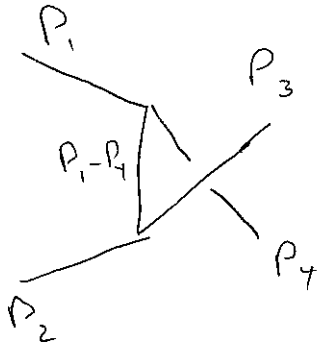
$$= (ig)\,\underbrace{\frac{i}{(p_1+p_2)^2 - m^2}}_{\equiv s}\,(ig) = \frac{-ig^2}{s-m^2}$$

t-channel



$$= (ig)\,\underbrace{\frac{i}{(p_1-p_3)^2 - m^2}}_{\equiv t}\,ig = \frac{-ig^2}{t-m^2}$$

u-channel



$$= (ig)\,\frac{i}{(p_1-p_4)^2 - m^2}\,ig = \frac{-ig^2}{u-m^2}$$