

$$I_2^{\{D=4-2\epsilon\}}(s; 0, m^2)$$

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The result for this bubble integral is,

$$I_2^{\{4-2\epsilon\}}(s; 0, m^2) = \left(\frac{\mu^2}{m^2}\right)^\epsilon \left[ \frac{1}{\epsilon} + 2 + \frac{m^2 - s}{s} \ln \left( \frac{m^2 - s - i\epsilon}{m^2} \right) \right] + \mathcal{O}(\epsilon)$$

See the file on [notation](#).

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