Integrability in AdS_5/CFT_4

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$\times S^5$, $AdS_4 \times CP^3$

...metric superspace

$$J_\mu = g^{-1}\partial_\mu g = J_{\mu 0} + J_{\mu 1} + J_{\mu 2} + J_{\mu 3}$$

$$\mathcal{L} = \sqrt{-h}\, h^{\mu\nu} J_{\mu 2} J_{\nu 2} + \varepsilon^{\mu\nu} J_{\mu 1} J_{\mu 3}$$ ← integrable?