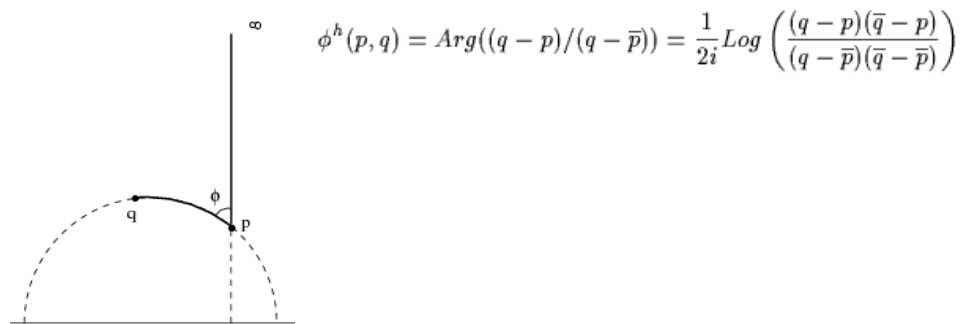


Kontsevich's Asymmetric Propagator

December-13-10
11:43 AM

From his "Deformation Quantization of Poisson Manifolds" paper:



$$\phi^h(p, q) = \text{Arg}((q - p)/(q - \bar{p})) = \frac{1}{2i} \text{Log} \left(\frac{(q - p)(\bar{q} - p)}{(q - \bar{p})(\bar{q} - \bar{p})} \right)$$

The propagator at (p, q) is $d\phi$. Is it asymmetric?