$$\hat{O}^{\mathrm{vc}} \equiv \hat{O}\ \blacktriangleleft = \hat{O}\ \blacktriangleleft + \hat{O}\ \blacktriangleleft$$

$$= \hat{O}\ \blacktriangleleft + \hat{O}\ \blacktriangleleft + \hat{O}\ \blacktriangleleft + \cdots$$