

The diagram shows two lines: a red horizontal line labeled C_S and a blue line labeled C_m . On the blue line, points are marked as O^n , $P_{C_m} O^{n-1}$, and O^0 . On the red line, points are marked as O^n , $-\frac{1}{2} \nabla_s \varepsilon_m^2$, and $P_{C_S} O^0$. A blue arrow points from $P_{C_S} O^0$ to $-\frac{1}{2} \nabla_s \varepsilon_m^2$. Black lines connect the points on the blue line to the points on the red line, forming a series of triangles.