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uniformly equicontinuous

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A family $\mathcal{F}$ of functions from a metric space (X, d) to a metric space (X', d') is *uniformly equicontinuous* if, for each $\varepsilon > 0$ there exists $\delta > 0$ such that,

$$\forall f \in \mathcal{F}, \ \forall x, y \in X, \ \ d(x, y) < \delta \Rightarrow d'(f(x), f(y)) < \varepsilon.$$