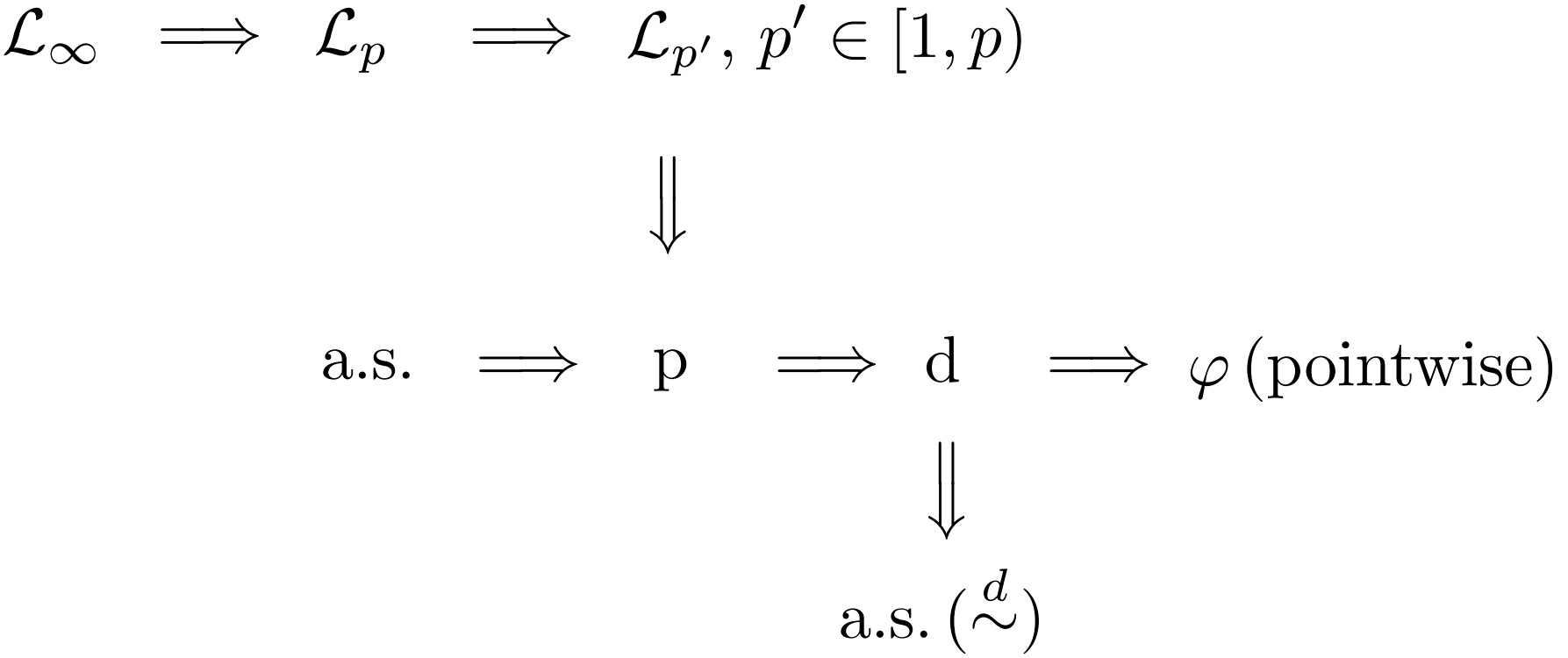
$\mathcal{L}_\infty \implies \mathcal{L}_p \implies \mathcal{L}_{p'},\ p' \in [1, p)$
a.s. $\implies$ p $\implies$ d $\implies$ φ (pointwise)
a.s. ($\overset{d}{\sim}$)