Title

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1 | **Lecture 11**

Last time: we saw the Leray spectral sequence, but no examples yet, so that's what we'll do now. We had $X \xrightarrow{f} Y \xrightarrow{g} Z$ to which we associated the spectral sequence $R^i f_* R^j f_* (\,\cdot\,) \Rightarrow R^{i+j} (g \circ f)_* (\,\cdot\,)$. To deduce existence we used that pushforwards preserve injectives