# acyclic sheaf

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| Related topic | sheaf |
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If $X$ is a topological space and $S$ is a subset of $X$, a sheaf $\mathcal{F}$ on $X$ is said to be  if
$$H^q(S, \mathcal{F}) = 0$$
for all $q \geq 1$.

A sheaf is  if it is  on $X$ itself.