

Lecture: Kant of  $\phi$  Sci - Helmholtz, Peirce, Russell, 07 Dec. 2014  
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Kant did not distinguish the spaces of diff sense modalities in his analysis of the pure forms of intuition - Helmholtz showed definitively that, at least visually, Euclidean form cannot be a priori in a transcendental sense; Peirce showed that  $\exists$  many diff forms of intuition - diff "spaces" - for diff modalities, and how they may combine and cohere - whether they may at all - is a matter for empirical investigation and cannot be fixed either by transcendental argument

Russell continued Peirce's argument (in Analysis of Matter, Part II) forcefully