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On Finiteness of B-representation and Semi-log Canonical Abundance

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We give a new proof of the finiteness of B-representations. As a consequence of the finiteness of B-representations and Koll\'ar's gluing theory on Ic centers, we prove that the (relative) abundance conjecture for slc pairs is implied by the abundance conjecture for log canonical pairs.

Comments:	13 pages. Comments are welcome! Minor mistakes/typos are corrected in the version 2
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