

# Oleg Ivrii on Adam's Theorem

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3:41 PM

$$A \hookrightarrow X \hookrightarrow X \cup CA \hookrightarrow (X \cup CA) \cup CX \hookrightarrow \dots$$

(each space is the previous space union  
the cone on the one before)

$$\begin{array}{cccc} \parallel & \parallel & \parallel & \parallel \\ A & X & X/A & SA \end{array} \dots$$



$$K(A) \leftarrow K(X) \leftarrow K(X/A) \leftarrow K(SA) \leftarrow \dots$$

The long exact sequence of K-theory.