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| Wantedby the Excision Authorities of Algebraic Topology

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|  | *S* | and | *T* |  |

* Both map affine chains to affine chains with lesser support!
* Both commute with affine-linear transformations!
* *S* breaks any simplex of dimension *n* into a sum of simplices of diameter at most n/(n+1) its original diameter!
* $∂S=S∂$and $S-I=T∂+∂T.$

Image credits: Hatcher's book, <http://www.math.cornell.edu/~hatcher/AT/ATpage.html>. |