



Math for the people, by the people.

examples of K-theory groups

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Classification	msc 19K99
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A	$K_0(A)$	$K_1(A)$
\mathbb{C}	\mathbb{Z}	0
$M_n(\mathbb{C})$	\mathbb{Z}	0
\mathbb{H}	\mathbb{Z}	0
\mathbb{K}	\mathbb{Z}	0
\mathbb{B}	0	0
\mathbb{B}/\mathbb{K}	0	\mathbb{Z}
$C_0((0, 1))$	0	\mathbb{Z}
$C_0(\mathbb{R}^{2n})$	\mathbb{Z}	0
$C_0(\mathbb{R}^{2n+1})$	0	\mathbb{Z}
$C([0, 1])$	\mathbb{Z}	0
$C(\mathbb{T}^n)$	$\mathbb{Z}^{2^{n-1}}$	$\mathbb{Z}^{2^{n-1}}$
$C(\mathbb{S}^{2n})$	\mathbb{Z}^2	0
$C(\mathbb{S}^{2n+1})$	\mathbb{Z}	\mathbb{Z}
$C(\mathbb{CP}^n)$	\mathbb{Z}^{n+1}	0
\mathcal{O}_n	$\mathbb{Z}/(n-1)$	0
A_θ	\mathbb{Z}^2	\mathbb{Z}^2
$C^*(H_3)$	\mathbb{Z}^3	\mathbb{Z}^3

Topological K-theory of some common C^* -algebras.