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## parametric operator

|                  |                     |
|------------------|---------------------|
| Canonical name   | ParametricOperator  |
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| Entry type       | Definition          |
| Classification   | msc 03E20           |
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| Related topic    | MultigradeOperator  |

A **parametric operator**  $\Omega$  with **parameter**  $\alpha$  in the **parametric set**  $\mathcal{A}$  is an indexed family of operators  $(\Omega_\alpha)_{\mathcal{A}} = \{\Omega_\alpha : \alpha \in \mathcal{A}\}$  with index  $\alpha$  in the index set  $\mathcal{A}$ .