

The diagram shows a horizontal sequence of elements representing a set \$S\$ and its partitions. It starts with a grey oval, followed by four colored ovals (blue, pink, yellow, black), a vertical bar, another grey oval, the same four colored ovals, a third grey oval, a circle with a diagonal slash (\$\emptyset\$), a fourth grey oval, the four colored ovals, a fifth vertical bar, a sixth grey oval, the four colored ovals, and finally a seventh grey oval.