# Visualization of the coordinate system transformation of 

$$
a-b-c \text { to } d-q-0
$$

and back, alias Park's
transformation
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## Magnetic fluxes in individual windings

Simple substitution diagram of a synchronous machine


Magnetic fluxes in stator windings


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Simple substitution diagram of a synchronous machine


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## Salient (Hydro) vs Round (Turbo) Rotor Shape



