Energy domain	**Effort** (e)	**Flow** (f)	**Momentum** (p)	**Displacement** (q)
Electrical	Voltage $[V]$	Current $[A]$	Flux linkage $[Vs]$	Charge $[As]$ or $[C]$
Mechanical translation	Force $[N]$	Velocity $[m/s]$	Linear momentum $[kgm/s]$	Distance $[m]$
Mechanical rotation	Torque $[Nm]$	Angular velocity $[rad/s]$	Angular momentum $[Nms]$	Angle $[rad]$
Hydraulic	Pressure $[Pa]$	Volume flow rate $[m^3/s]$	Pressure momentum $[N/m^2s]$	Volume $[m^3]$
Thermal	Temperature [K]	Entropy flow $[J/s]$	(not defined)	Entropy $[J]$
Magnetic	Magneto-motive force $[A]$	Flux rate $[Wb/s]$	(not defined)	Flux $[Wb]$
Chemical	Chemical potential $[J/mol]$	Rate of reaction $[mol/s]$	(not defined)	Advancement of reaction $[mol]$