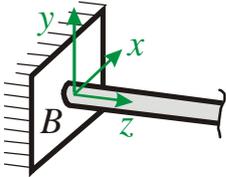
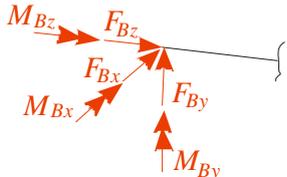
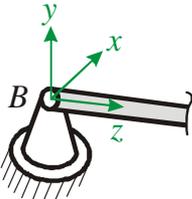
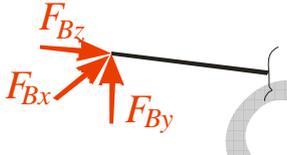
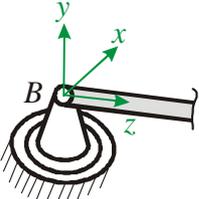
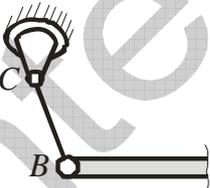
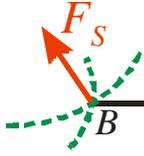
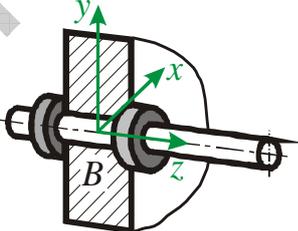
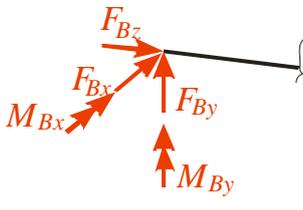
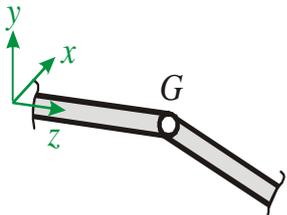
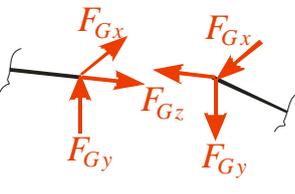


## Lager- und Gelenkreaktionen (Beispiele)

Bezeichnung	Symbol	Lagerreaktionen	Reduzierter Freiheitsgrad
Einspannung			0
Festlager (gelenkiges Lager)			3 (Drehung um $x$ -, $y$ -, $z$ -Achse durch $B$ )
Loslager (Rollenlager)			5 (Drehung um $x$ -, $y$ -, $z$ -Achse durch $B$ , Verschiebung in $x$ - und $z$ - Richtung)
Pendelstütze (Stützstab, Seil)			5 (Verschiebung von $B$ auf Kugel- fläche mit Radius $\overline{BC}$ um $C$ , Drehung um $B$ )
Hülse (ohne axiale Verschieblichkeit)			1 (Drehung um $z$ -Achse)
Gelenk			3 (Drehung um $x$ -, $y$ -, $z$ -Achse durch $G$ )