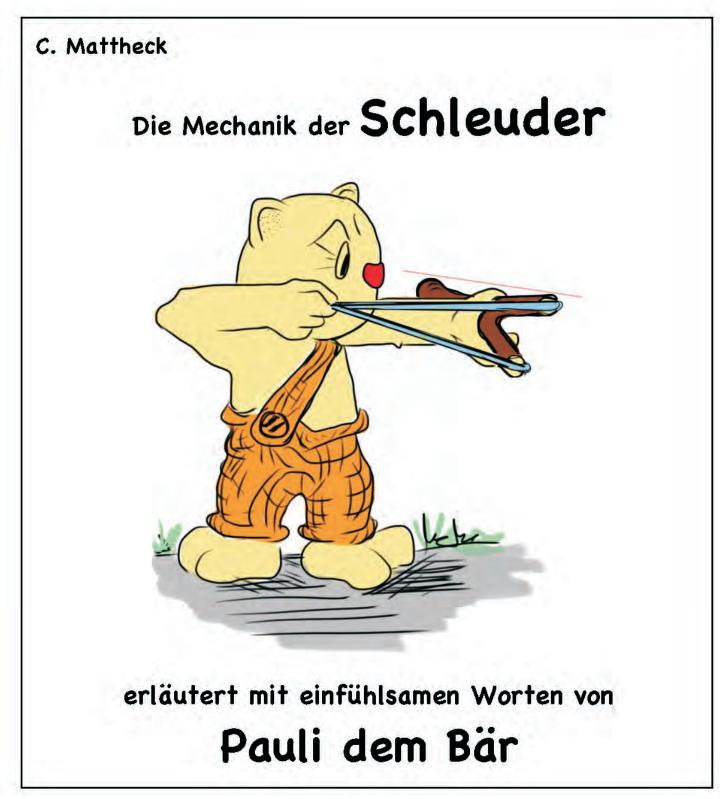


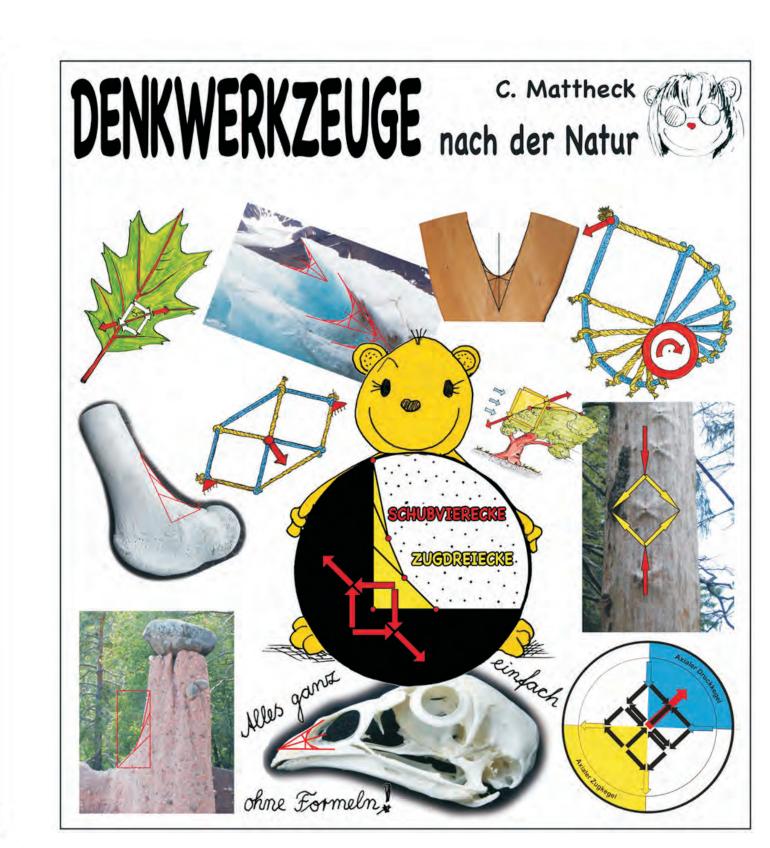


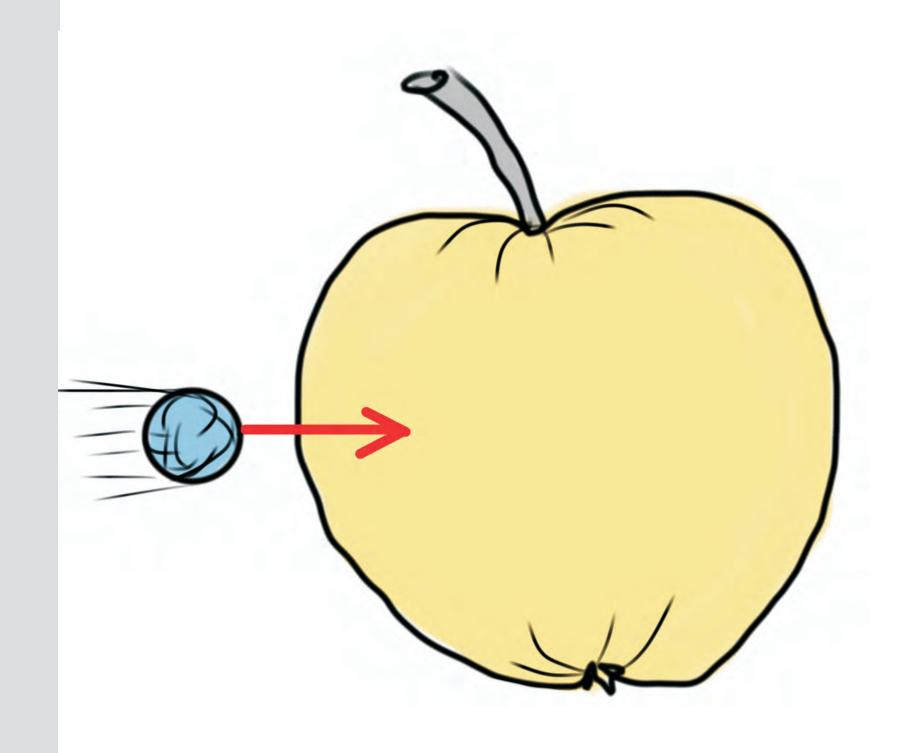
Der Wettlauf von Stanz- und Zugversagen am Tell-Apfel

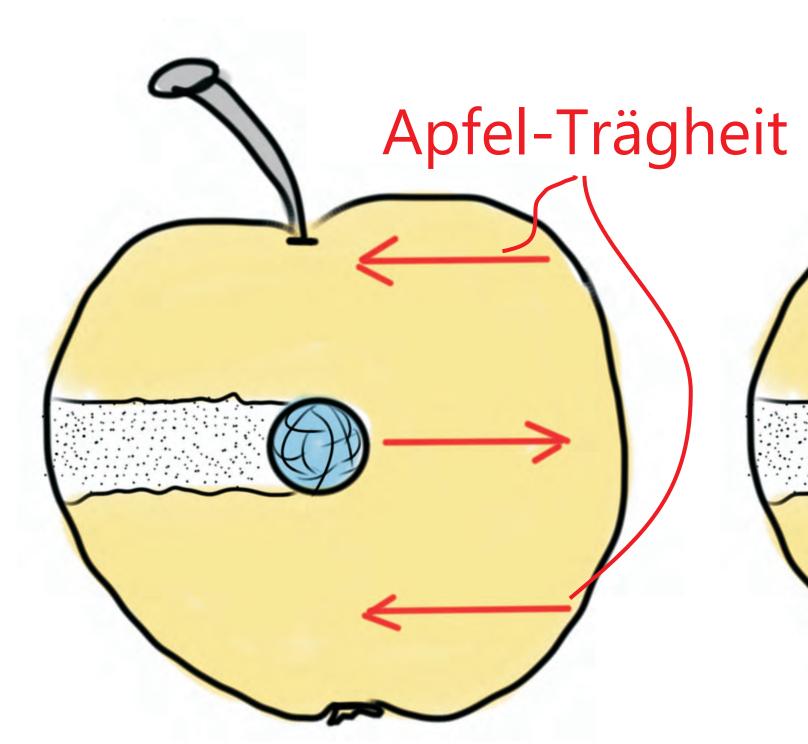
C. Mattheck, K. Bethge

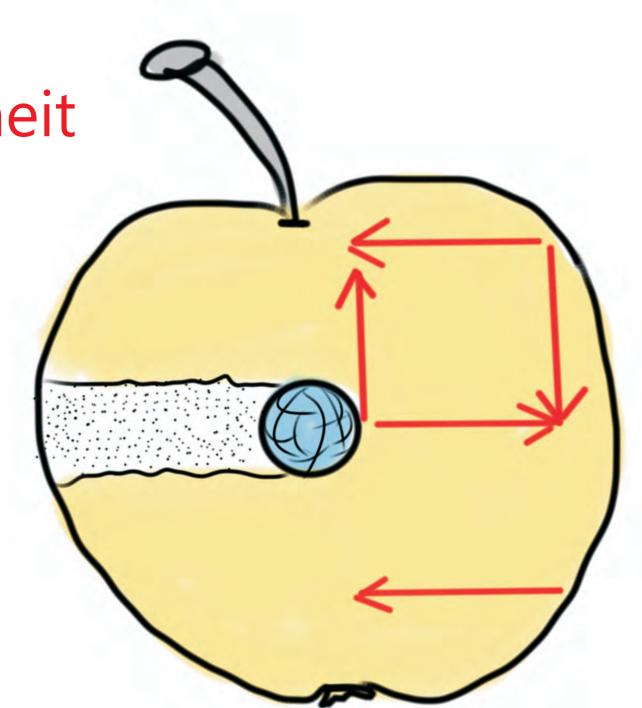


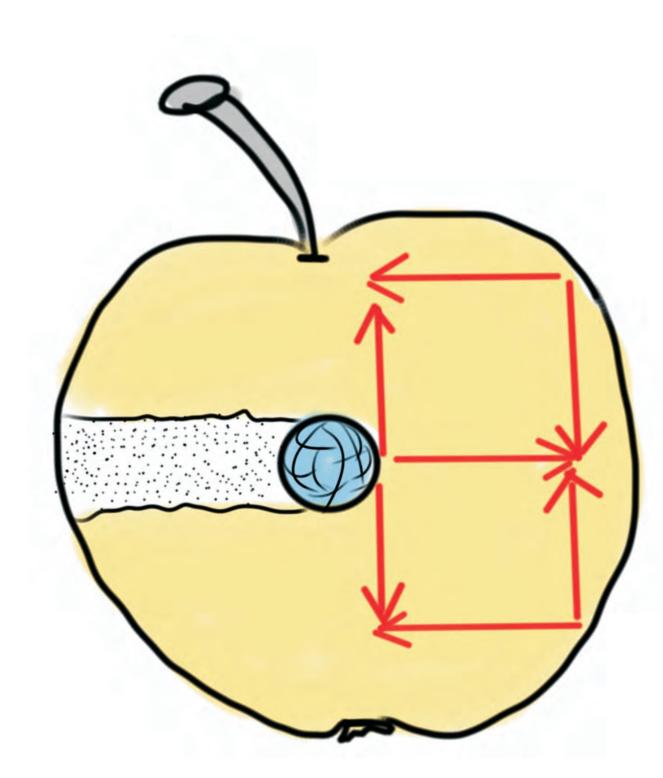




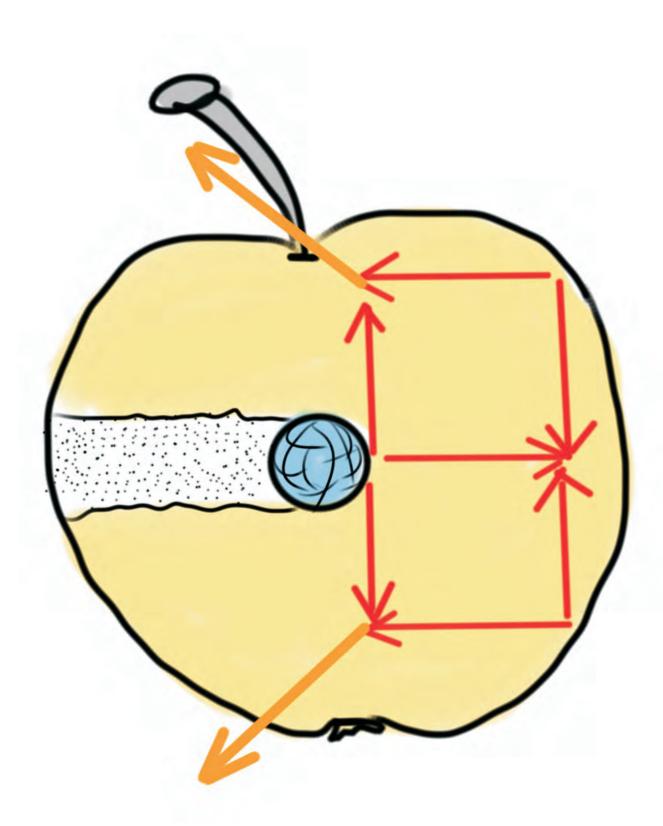


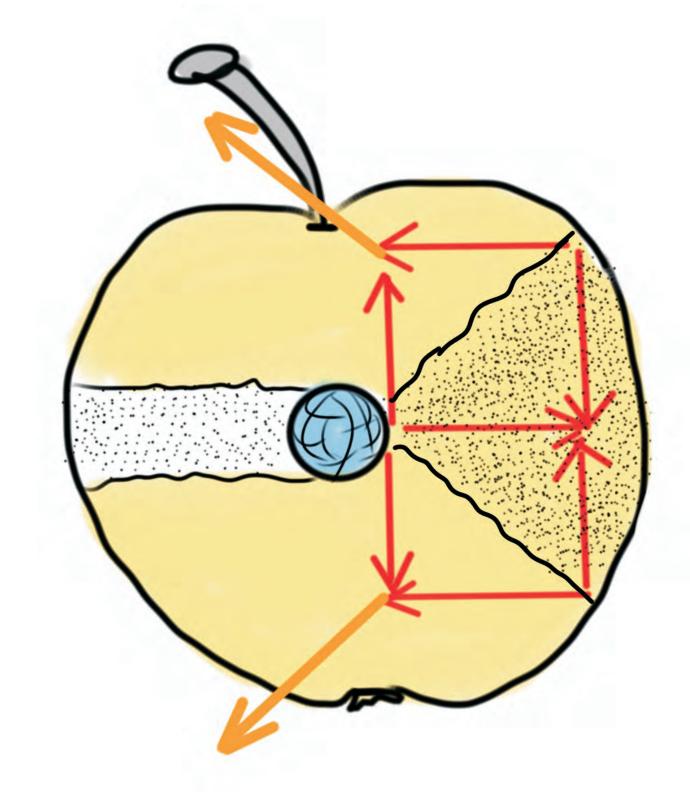


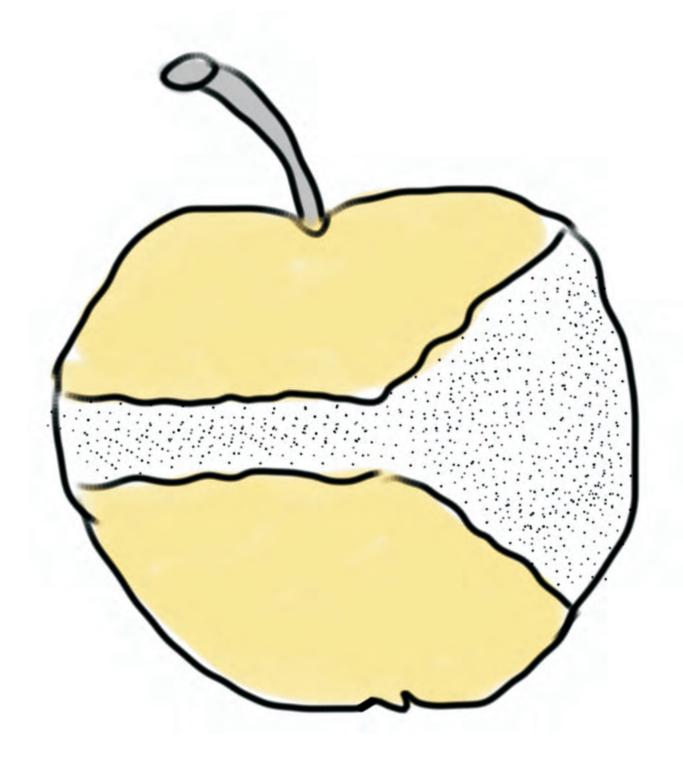




Stanzendes Schubversagen









Zug aus Schub

Risse senkrecht zum Zug

Bruchbild

Fazit: Der Wettlauf zwischen stanzendem Schubversagen und Versagen durch Zug aus Schub charakterisiert das Bruchbild. Überreife Äpfel haben nur kleine oder keinen Ausschusskegel.