

TRIZ
Contradiction-Matrix
compact

according to G. Altshuller

TRIZ Contradiction-Matrix compact		according to G. Altshuller																																						
		Improving Feature																																						
Working Feature	Weight of moving object																																							
	Weight of stationary object																																							
Weight of moving object	Length of moving object																																							
	Length of stationary object																																							
Length of moving object	Area of moving object																																							
	Area of stationary object																																							
Area of moving object	Volume of moving object																																							
	Volume of stationary object																																							
Volume of moving object	Speed																																							
	Force (Intensity)																																							
Force (Intensity)	Stress or pressure																																							
	Shape																																							
Stress or pressure	Stability of the object's composition																																							
	Strength																																							
Shape	Duration of action of moving object																																							
	Duration of action of stationary object																																							
Stability of the object's composition	Temperature																																							
	Illumination intensity																																							
Strength	Use of energy by moving object																																							
	Use of energy by stationary object																																							
Duration of action of moving object	Power																																							
	Loss of Energy																																							
Power	Loss of Substance																																							
	Loss of Information																																							
Loss of Energy	Loss of Time																																							
	Quantity of substance																																							
Loss of Substance	Reliability																																							
	Measurement accuracy																																							
Quantity of substance	Manufacturing precision																																							
	Object-affected harmful factors																																							
Reliability	Object-generated harmful factors																																							
	Ease of manufacture																																							
Measurement accuracy	Ease of operation																																							
	Ease of repair																																							
Manufacturing precision	Adaptability or versatility																																							
	Device complexity																																							
Object-affected harmful factors	Difficulty of detecting and measuring																																							
	Extent of automation																																							
Object-generated harmful factors	Productivity																																							