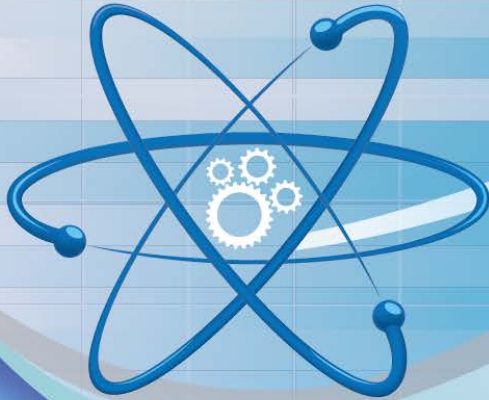


01001100 01000101 01000111 01000001 01000011 01011001 00100000 01000011 01001100 01000101 01000001 01001110 01010101 01010000

$R(t) = R_0 e^{-\lambda t}$	$A_t = A_0 e^{-\lambda t}$	$N_t = N_0 e^{-\lambda t}$	$I_x = I_0 e^{-\lambda x}$	$A = \lambda N$	$D = \Gamma A / d^2$	$t_{(1/2)} = \tau \ln(2)$	
6.022×10^{23}	3.14159	0.66274	2.71828	1.41421	0.57721	1.61803	0.66016

U.S. Department of Energy
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Sizing and Fitting Breakout Session Outbrief

Exoskeleton Technical Interchange Meeting

Breakout Session Overview

Crystal Gateway Marriott, 1700 Jefferson Davis Hwy, Arlington, VA 22202

June 28 and 29, 2017

Primary Topics Discussed

- ❖ Adaptation and Acclimation
- ❖ Variability of Fit Over Time
 - Changes in Wearer
 - Device-induced changes
- ❖ Modularity of human interfaces
- ❖ Individualized vs. Sharable devices
- ❖ PPE Compatibility

Other Topics Discussed

- ❖ Anthropomorphy
 - Variability by age, gender, cultures etc.
- ❖ Adjustability vs. many sizes
- ❖ Rapid customization Technology
- ❖ Intuitive Fitting Process (no tools)
- ❖ Easy Adjustment
- ❖ Pre-verification of sizes by vendors
- ❖ Ease of Donning/Doffing (breaks etc.)
- ❖ Subjective vs. Objective verification of fit
- ❖ Automatic fit monitoring and adjustment
- ❖ Body Temperature