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The Mechatronics Handbook  
Second Edition

**MECHATRONIC SYSTEMS,  
SENSORS, AND ACTUATORS**

*Fundamentals and Modeling*

**PART - 1**

*Edited by*

**Robert H. Bishop**



CRC PRESS

**Special Indian Edition**

# **Mechatronics Handbook Second Edition**

**Robert H. Bishop**



## **Mechatronics Handbook Second Edition:**

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web solution average atomic mass of li 6 941 amu x 6 0151 amu 1 x 7 0160 amu 6 941 1 0009x 7 0160 1 0009x 0 075 x 0 075 x 0 075 corresponds to a natural abundance of 6li of 7 5 percent the natural abundance of 7li is x 0 925 or 92 5 percent 3 7 the unit factor required is 6 022

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web a molar mass li2co3 2 6 941 g 12 01 g 3 16 00 g 73 89 g b molar mass cs2 12 01 g 2 32 07 g 76 15 g c molar mass chcl3 12 01 g 1 008 g 3 35 45 g 119 37 g d molar mass c6h8o6 6 12 01 g 8 1 008 g 6 16 00 g 176 12 g e molar mass kno3 39 10 g 14 01 g 3 16 00 g 101 11 g

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web 41 42 chemistry ch 3 mass relationships in chemical reactions molecular mass of  $\text{NO}_2$  atomic mass of n 2 atomic mass of o 14 01 amu  $2 \times 16.00 \text{ amu} = 32.00 \text{ amu}$  atomic mass of  $\text{N}_2\text{O}_5$  2 atomic mass of n 5 atomic mass of o 2 14 01 amu  $5 \times 16.00 \text{ amu} = 80.00 \text{ amu}$  example 3 2 exercise 3 3