

先端基礎研究センター設立  
30周年記念特別号

THE 30TH ASRC ANNIVERSARY  
1993 ————— 2023  
PHYSICS x MATERIALS

milli-million :  $10^6$   
不可能不可能数 :  $10^{23}$

Chiral spin rotation  $> 1 \text{ eHz}$

$\frac{\partial \vec{B}}{\partial t} + (\vec{B} \cdot \nabla) \vec{B} = -\nabla \rho + \frac{1}{4\pi} \nabla^2 \vec{B}$   
 $R_c = \frac{2\pi \rho_0}{\eta}$

Truth = Something valuable

$R_{\text{min}} = \frac{1}{2} g_{\text{min}} R = \frac{R}{2} \Gamma_{\text{min}}$

$\vec{M} \cdot \vec{B} = \sum_i \mu_i B_i$

Exotic atoms

Quantum Chiral crystals

$\frac{\partial C(t)}{\partial t} = -L \nabla^2 [-e^{-\nabla^2 t} C - f(t)]$

4Nb 73La 105Db

Volatility - High

Volatility - Low

The 9th state