

MAGNETNI HOMENT P IN M

$$J = \frac{1}{2}$$

$$J = \left[ \frac{1}{4} \left( \frac{1}{8} \left( \frac{1}{8} \right) \right) \right] \left( \frac{1}{8} \right) + \frac{1}{4} \left( \frac{1}{8} \right) \right) \left( \frac{1}{8} \right) \left( \frac{1}{8} \right) \left( \frac{1}{8} \right) \right)$$

$$OPERATOR II = g_s \frac{e_0 Q_1 s_1}{2 m_1}$$

$$IPT = \frac{1}{4} \left[ \frac{1}{8} \left( \frac{1}{8} \right) \right] \left( \frac{1}{8} \right) + \frac{1}{4} \left( \frac{1}{8} \right) \left( \frac{1}{8} \right) \left( \frac{1}{8} \right) \right)$$

$$IPT = \frac{1}{4} \left[ \frac{1}{8} \left( \frac{1}{8} \right) \right] \left( \frac{1}{8} \right) \left( \frac{1}{$$

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MEZONI

$$\hat{I}_{-1}u\rangle = I_{-1}I_{-2}I_{-2}I_{-3}I_{-4}\rangle = I_{-1}I_{-2}I_{-3}I_{-$$

$$J_3(u) = +\frac{1}{2}$$
  $J_3(\overline{u}) = -\frac{1}{2}$   $J_3(\overline{u}) = +\frac{1}{2}$   
 $\tilde{J}_1(\overline{u}) = -1\overline{u}$   
 $\tilde{J}_1(\overline{u}) = -1\overline{u}$ 

KONSTRUKCIJA VELAZIH

$$|ud\rangle$$
  $I_3=+1$   
 $|Iud\rangle = |dd\rangle - |u\bar{u}\rangle$   $I_3=0$   
 $|I_1|dd\rangle - |u\bar{u}\rangle = -|d\bar{u}\rangle - |d\bar{u}\rangle$   $I_3=-1$ 

$$|\pi^{+}\rangle = |\pi a\rangle = |I=1, I_{3}=+1\rangle$$
  
 $|\pi^{\circ}\rangle = \frac{1}{12}(|ad\rangle - |\mu\bar{\mu}\rangle) = |I=1, I_{3}=0\rangle$   
 $|\pi^{-}\rangle = |d\bar{\mu}\rangle = |I=1, I_{3}=-1\rangle$ 

# K M I

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$$\frac{1}{\sqrt{3}}(1 \text{ m$a$}) + 1 \text{ d$a$} + 1 \text{ s$s$}) = 1_{\text{m}0} \times 1_{\text{m}a} \times$$



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Ino>, Ims> V NARAJI

J=1 140> 148>

$$|\phi\rangle = \sin \Theta' |\phi_0\rangle + \cos \Theta' |\phi_0\rangle |\omega\rangle = \cos \Theta' |\phi_0\rangle - \sin \Theta' |\phi_8\rangle$$

VERZJETNOSTVA GORTUTA, TUK DEZCEV, ANTI DEZCI 1412=4\*4 = VERTENNOSTAM GOCIUM, 1412 dV TOU DELCEV J MONTHULITETHA GNADEN OF + \$7 = 0

# K M II

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NARAUNE ENOTE 
$$f_{k}=1$$
,  $c=1$ 
 $f_{k}=1$ ,  $c=1$ 
 $f_{k}=1$ ,  $c=1$ 
 $f_{k}=1$ 
 $f_{k}=1$ 



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WLETN GORDONON E. 
$$-\frac{3^2 + 7^2}{3+2} + 7^2 + \frac{1}{10} + \frac{1}{10}$$

$$\frac{d^3x}{\text{LORENTE-OUAT.}} \frac{dx^3 \sqrt{1-(v/c)^2}}{\int \rho d^3x \rightarrow \rho d^3x}$$

$$\frac{\rho}{\sqrt{1-\frac{v^2}{c^2}}}$$

CETUBREE DONOVA E 
$$(3t, -\vec{7})$$
  $\partial_{\mu} = (3t, \vec{7})$ 

WEIN-GORDONOVA E  $(3t, -\vec{7})$   $\partial_{\mu} = (3t, \vec{7})$ 

UNITINUITETINA E.  $(3t, -\vec{7})$   $\partial_{\mu} = (3t, \vec{7})$