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ه ۱ مربر فرم مراجع فر * * ÷ , + ++ ÷ InAs/GaAs _ 1 + 1 ر مر بر مغرز ÷ • • , -÷ . ż ÷ 20 20 د. در <u>د</u> . . . ÷ 2 electrons holes . . .

12.0 ÷ . $J \simeq$ 10 eV 11 500 1000 Å , s, p, d, ! . . ્રત્વ 1 2.2 $\simeq 200 \times 40 \text{ Å}$ + InGaAs/GaAs-÷., ... م مرد در + , $J_{ee} \simeq$ 11 ÷ , , , ÷ 20 meV smaller $\Delta \epsilon \simeq$. . 50 - 70 meV $J_{hh} \simeq$ + 15-25 meV $\Delta \epsilon \simeq$ 10 - 20 meV-نز تر ź + 1 ر 🖈 د او او ار 1.1 InGaAs/GaAs ...

,		- ,		• •	2	<pre>_electron loading</pre>				
	2. 4			÷ ,	, , , , , , , , , , , , , , , , , , ,	ļ,	+ × ,	hole	loc	iding
*	÷		+	+ +	k ,		1	,	-	÷
1 1	, ,	2.0		* ,	,	11	÷	÷	÷,	+ ×,
÷) . j k	1		*		1	2	÷ ,		
	+	· 1		÷	,	, P				• . '



 $\int_{1}^{2} \int_{2}^{2} \int_{2$

 $p_{1} \qquad \qquad L_{z} = +1 \qquad L_{z} = -1 - \frac{1}{2} \qquad \qquad L_{z} = +1 \qquad L_{z} = -1 - \frac{1}{2} \qquad \qquad L_{z} = +1 \qquad L_{z} = -1 - \frac{1}{2} \qquad \qquad L_{z} = +1 \qquad L_{z} = -1 \qquad \qquad L_{z} = +1 \qquad L_{z} = -1 \qquad \qquad L_{z} = +1 \qquad L_{z} = -1 \qquad \qquad L_{z} = +2 \qquad L_{z} = -1 \qquad \qquad L_{z} = +2 \qquad \qquad L_{z} = -1 \qquad \qquad L_{z} = -1 \qquad \qquad L_{z} = +2 \qquad \qquad L_{z} = -1 \qquad \qquad L_{z} =$