1.⁴, $\eta \land \uparrow \cdot \eta$; A = B, $\gamma \circ \gamma + 1 H_g A A_{\gamma}$ $1 \eta \land \uparrow \gamma$, $\uparrow \uparrow \uparrow \uparrow \gamma$, $A = 1 \eta g A_{\gamma} A_{\gamma}$ $\begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ &$, 🖜 l-4. (4. 4. 4. 5 - ____ - 1 1, 1, _ A¥ · ~ 1¶ 1 🖷 1 1 . . . (k=0) A ۳. ^ 1 🖷 6 🖷 free-standing 🔨 🍹 🖕 📜 💭 📜 🖍 🖷 fit , _^ _ predicts _ . semiconductor-embedded. date _ k Ma ■ X /_ A, ____ 26. - · πΛ 🗤 🔄 many-body description 🖳 👘 👘 ∪ ¶ A 👝 🕅 _______ M_, , ____ M____ M____ Ψ (__), _, ī, 9 🔊 arbitrary shapes and materials, \mathbf{M} realistic surface \mathbf{M} \mathbf{A} , \mathbf{M} \mathbf{M} <u>___</u>





2.2. B: The many-body problem

ω , ω , D, 1	ne ma	my-body problem				
1. Inter	r-electr	ronic integrals are co	mputed numerically:	• • •	^^	
146 46	ψ_i \)	♥, <u>~</u> _ ∧	_^		
₩.	þ	J _{∐∕} ,♥, _{→™∼} ∧♥, _{⊻⊣}	K _{ij} 9, 17 ,¶ _{→ →} "¶	<u> </u>	li <u>v</u> ∧ k ~ ,	
_^ _^	-		🖷 _ ^ 🖷 🗧 A. 7A .	M 🛛	A A7	% - V





 $\begin{array}{c} \mathbf{A} \\ \mathbf$



- (2000).

H. Fu, ♥, A. Zunger, ↑. _ . 57, 1 06⁴ (1998). O. I. Micic, H. 57. Cheong, H. Fu, A. Zunger, J. R. Spf5ague, bM.tZscarenhasO.OOue, LAOO.Og, bRWbNo ⁷ к