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~~operator method:
sigma orbitals
of boron
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Therefore, the
following table
can be obtained:

C	2	v	E	C	2	?	v
(xz)	?	'	v	(yz)			
?	H	2	0	0	2	?	A
1	+	B	2				

The two
hydrogen 1 s
orbitals form
two linear
combinations,

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one with A 1
symmetry and the
other with B 2
symmetry.

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group is a
mathematically
defined

collection of
(symmetry)

operations that
have a specific
set of

mathematical
properties.

Identity element

; Inverse

operation for

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each member of
the group ;
Closure ;
Associative; 3
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chirality

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molecules
vibrate. While
these vibrations
can originate
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from the atomics
scale to the
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often without
requiring
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