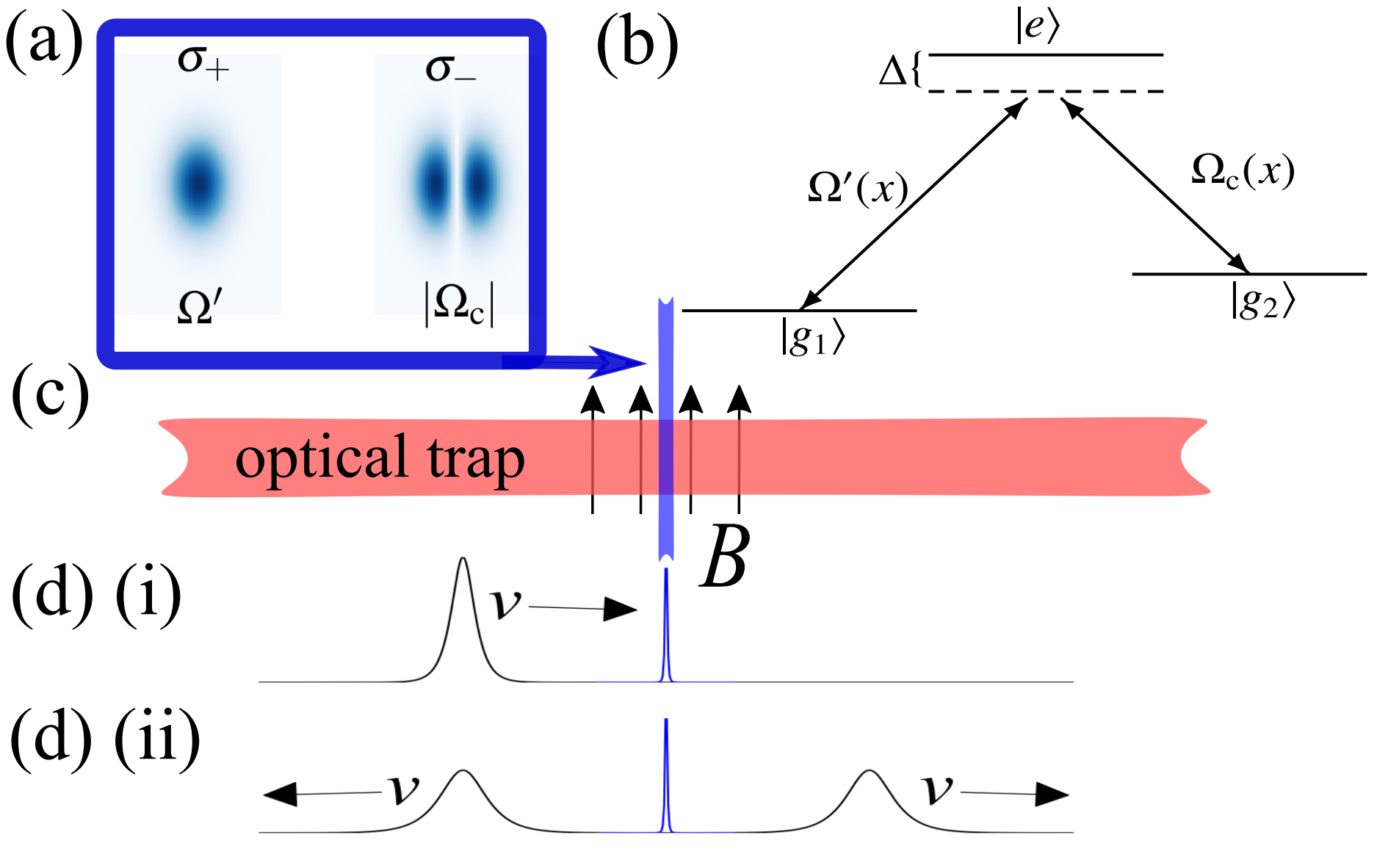
(a)
σ_+
σ_-
Ω'
$|\Omega_c|$
(b)
$|e\rangle$
$\Delta\{$
$\Omega'(x)$
$\Omega_c(x)$
$|g_1\rangle$
$|g_2\rangle$
(c)
optical trap
B
(d) (i)
v
(d) (ii)
v
v