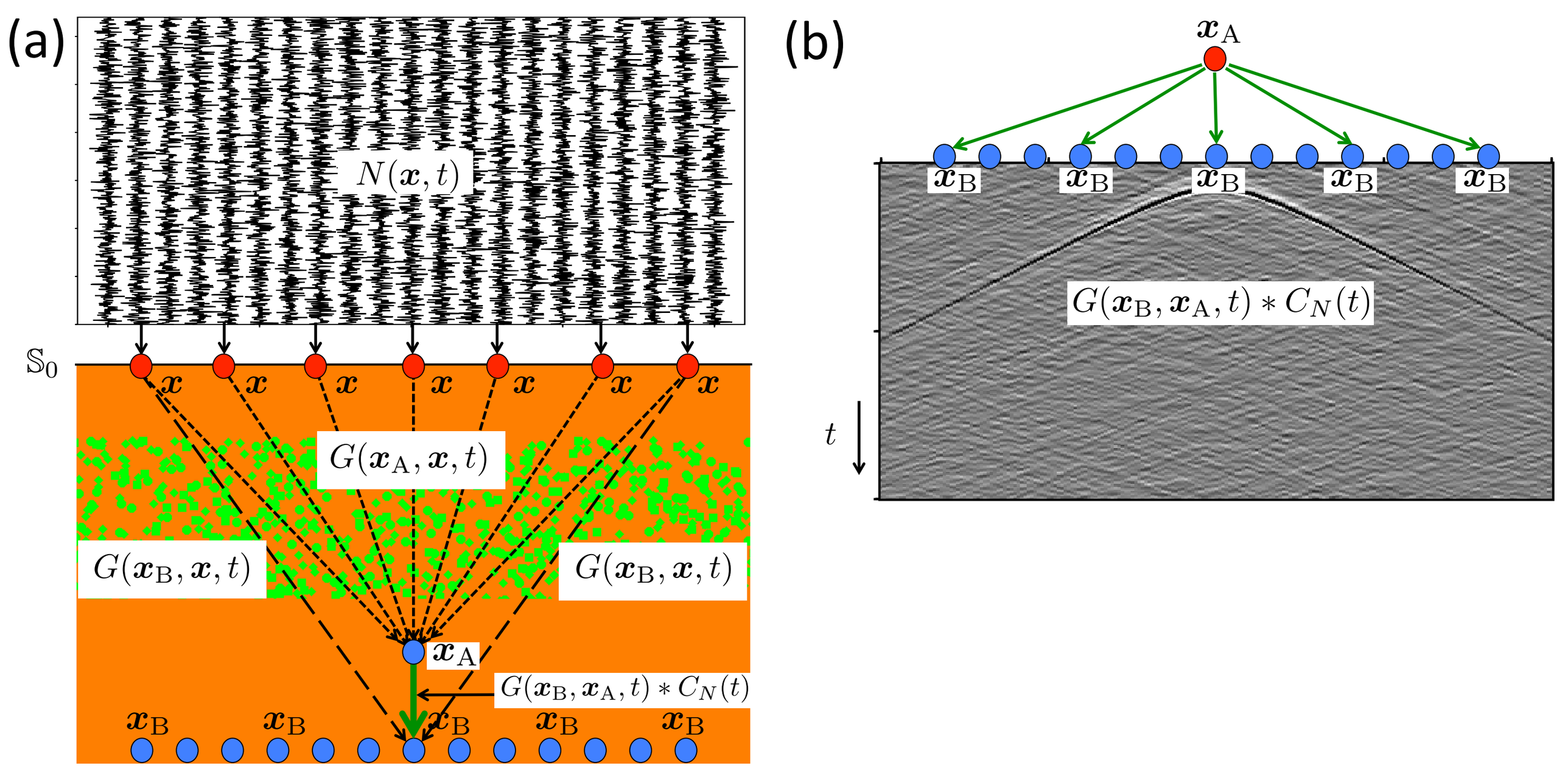
(a)
$N(\boldsymbol{x},t)$
$\mathbb{S}_0$
$\boldsymbol{x}$
$G(\boldsymbol{x}_\mathrm{A},\boldsymbol{x},t)$
$G(\boldsymbol{x}_\mathrm{B},\boldsymbol{x},t)$
$G(\boldsymbol{x}_\mathrm{B},\boldsymbol{x},t)$
$\boldsymbol{x}_\mathrm{A}$
$G(\boldsymbol{x}_\mathrm{B},\boldsymbol{x}_\mathrm{A},t)*C_N(t)$
$\boldsymbol{x}_\mathrm{B}$
(b)
$\boldsymbol{x}_\mathrm{A}$
$\boldsymbol{x}_\mathrm{B}$
$G(\boldsymbol{x}_\mathrm{B},\boldsymbol{x}_\mathrm{A},t)*C_N(t)$
t