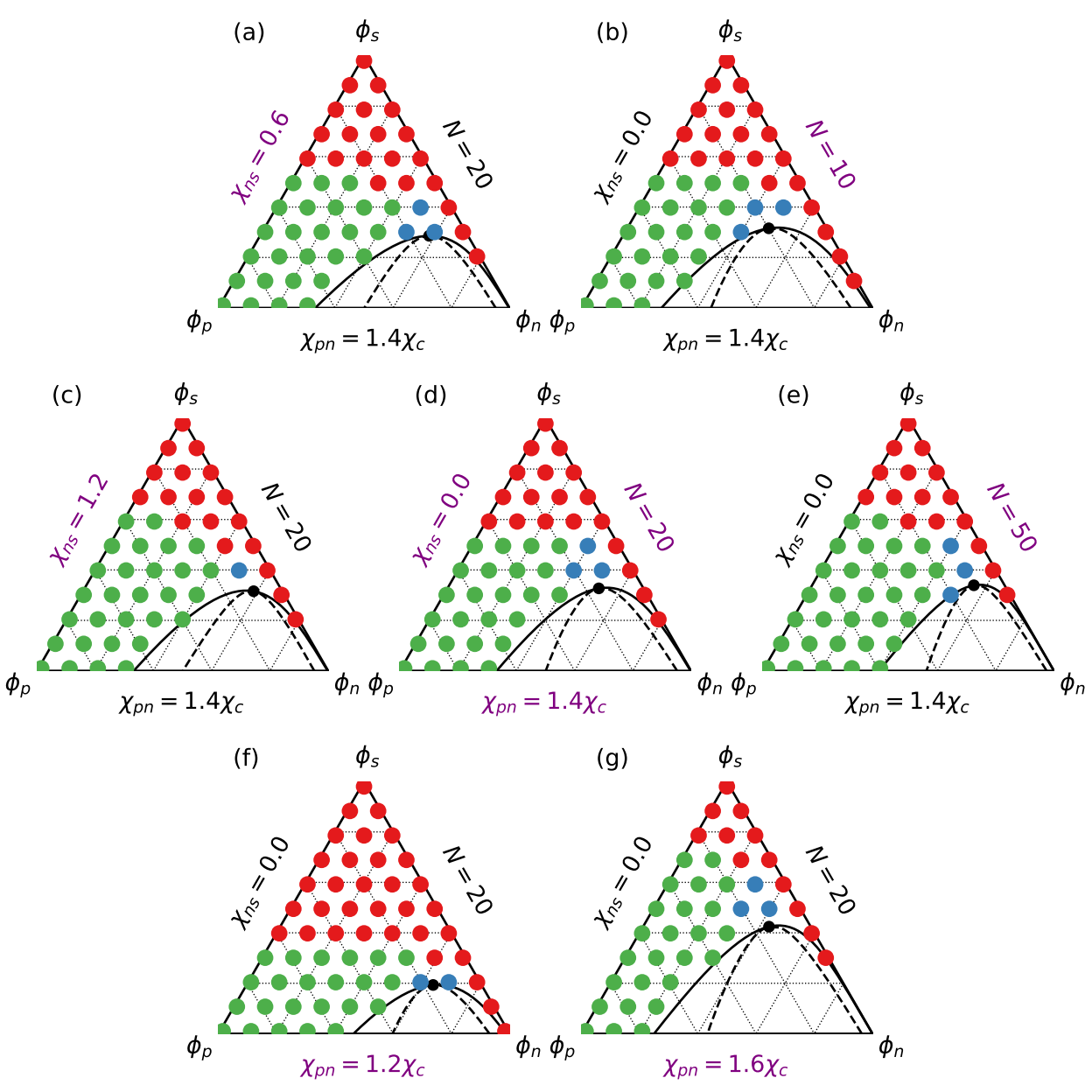
(a)
ϕ_s
$\chi_{ns} = 0.6$
$N = 20$
ϕ_p
ϕ_n
$\chi_{pn} = 1.4\chi_c$
(b)
ϕ_s
$\chi_{ns} = 0.0$
$N = 10$
ϕ_p
ϕ_n
$\chi_{pn} = 1.4\chi_c$
(c)
ϕ_s
$\chi_{ns} = 1.2$
$N = 20$
ϕ_p
ϕ_n
$\chi_{pn} = 1.4\chi_c$
(d)
ϕ_s
$\chi_{ns} = 0.0$
$N = 20$
ϕ_p
ϕ_n
$\chi_{pn} = 1.4\chi_c$
(e)
ϕ_s
$\chi_{ns} = 0.0$
$N = 50$
ϕ_p
ϕ_n
$\chi_{pn} = 1.4\chi_c$
(f)
ϕ_s
$\chi_{ns} = 0.0$
$N = 20$
ϕ_p
ϕ_n
$\chi_{pn} = 1.2\chi_c$
(g)
ϕ_s
$\chi_{ns} = 0.0$
$N = 20$
ϕ_p
ϕ_n
$\chi_{pn} = 1.6\chi_c$