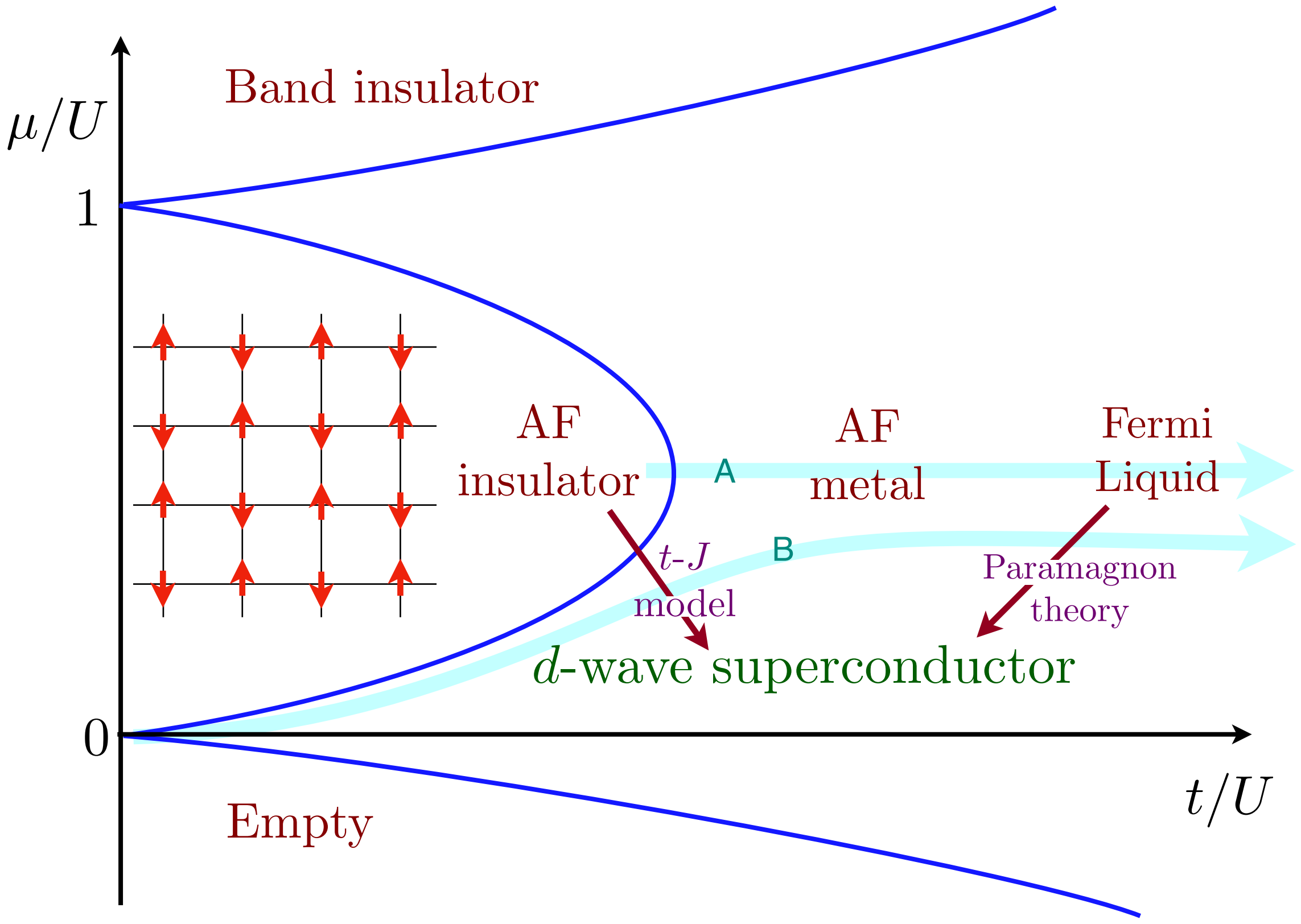
Band insulator
μ/U
1
0
AF
insulator
AF
metal
Fermi
Liquid
A
B
t-J
model
Paramagnon
theory
d-wave superconductor
t/U
Empty