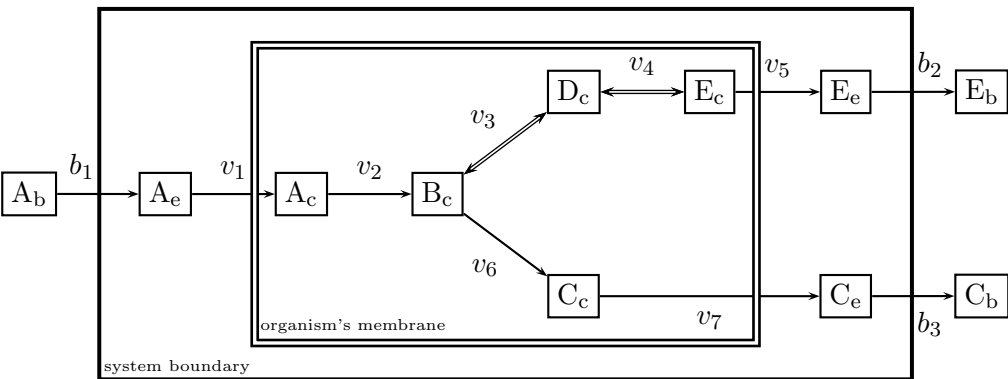**A** closed network

B open network