

Assignment0919a

Problem 1

集合对应关系:

起始状态: {INIT, A, F}

i: {INIT, A, F} -> {D, E, J, H}

f: {D, E, J, H} -> {D, I, E, J}

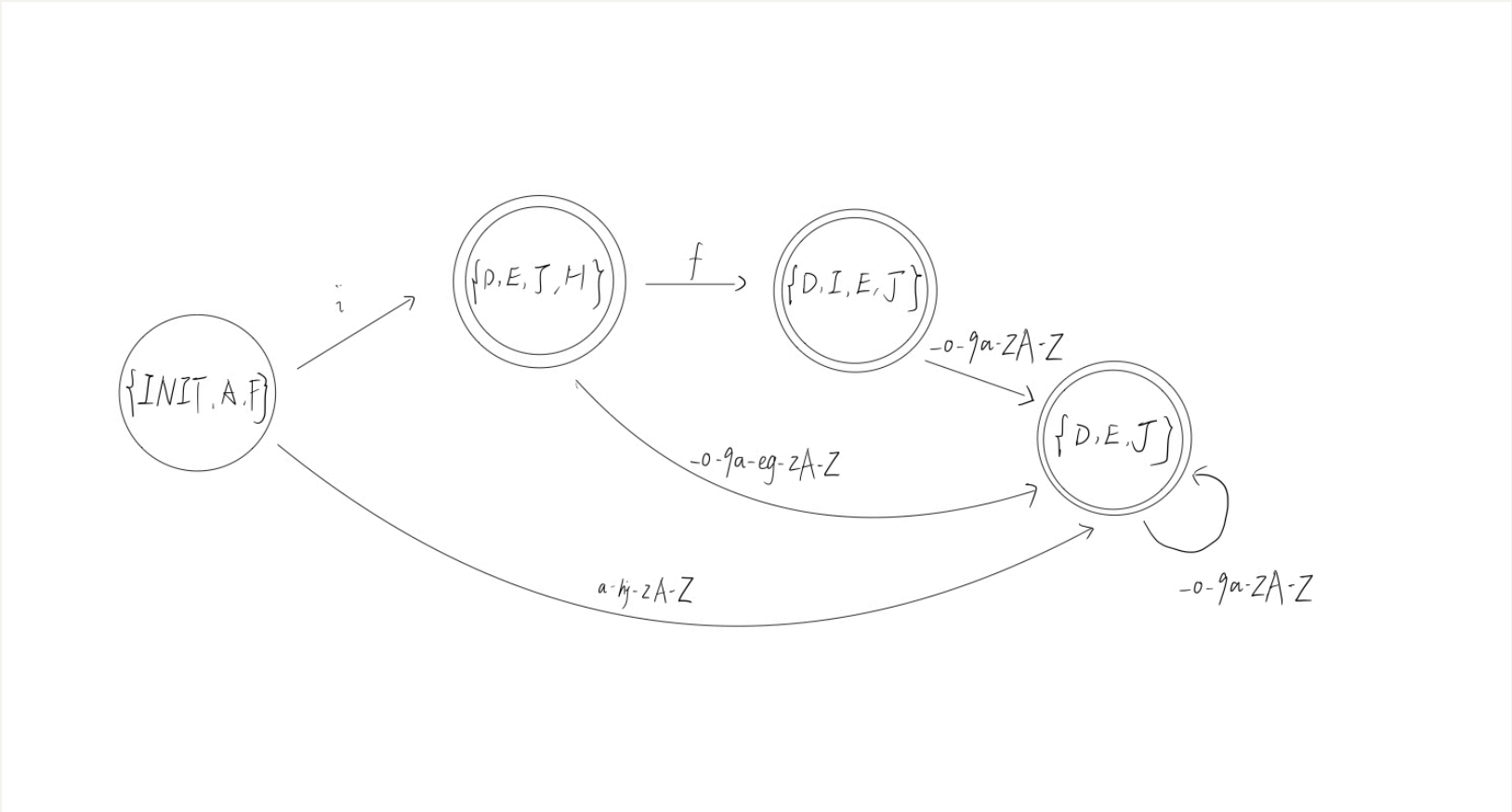
_0-9a-zA-Z: {D, I, E, J} -> {D,E,J}

_0-9a-zA-Z: {D,E,J} -> {D,E,J}

_0-9a-eg-zA-Z: {D, E, J, H} -> {D, E, J}

a-hj-zA-Z: {INIT, A, F} -> {D, E, J}

DFA如下:



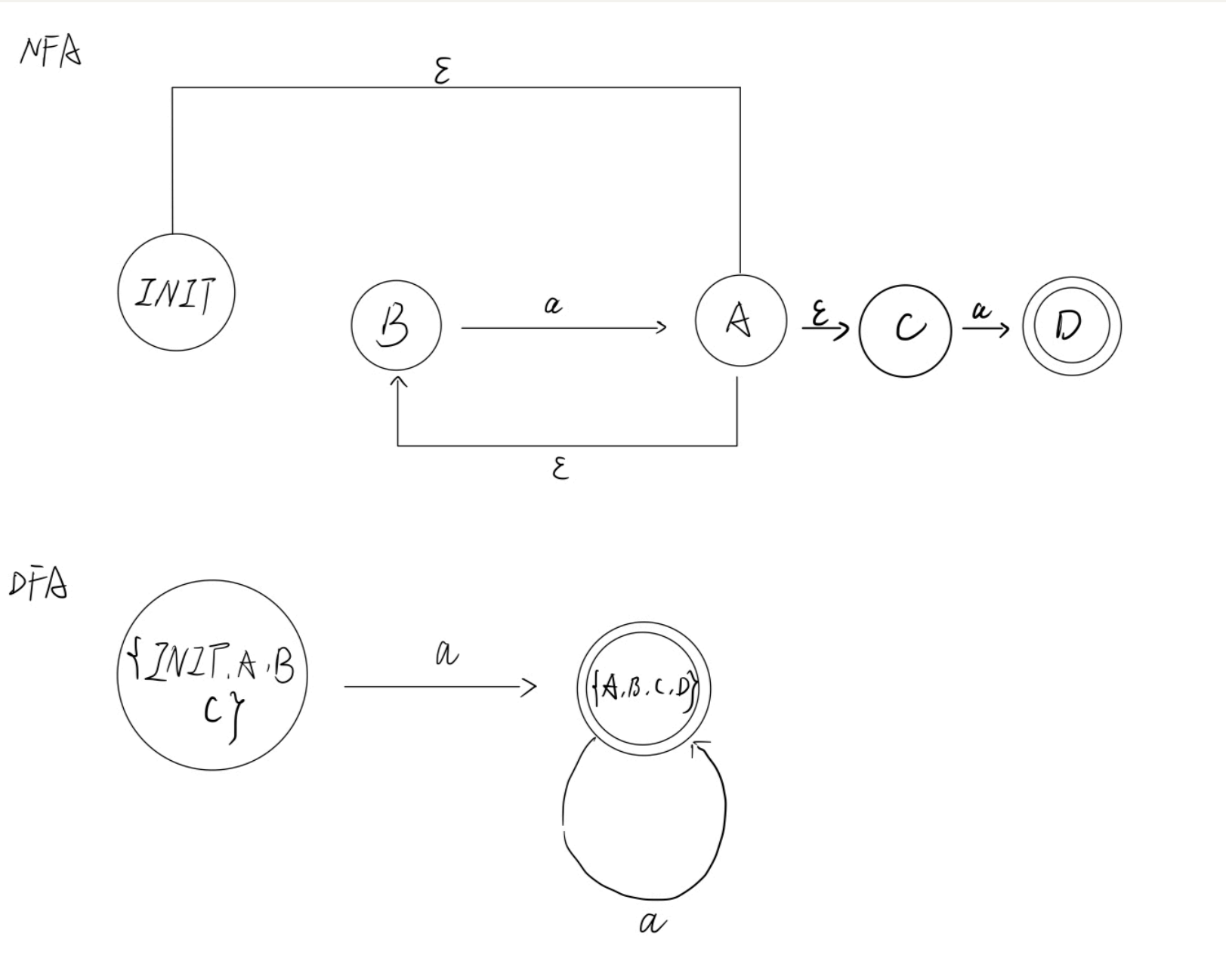
Problem 2

对应关系:

起始状态: {INIT,A,B,C}

a: {INIT, A,B,C} -> {A,B,C,D}

a: {A,B,C,D} -> {A, B,C,D}



Problem 3

对应关系：

起始状态： {INIT}

a: {INIT} -> {A,B,C,D,E,F,G,H}

b: {A,B,C,D,E,F,G,H} ->{L,P,C,Q,D,F,E,G,H}

b:{L,P,C,Q,D,F,E,G,H} -> {L,P,C,Q,D,F,E,G,H}

a: {L,P,C,Q,D,F,E,G,H} -> {R}

c: {L,P,C,Q,D,F,E,G,H} -> {M,N,I,J}

a:{M,N,I,J} -> {O, P, C, Q, D, F, E, G, H}

a: {O, P, C, Q, D, F, E, G, H} -> {R}

b: {O, P, C, Q, D, F, E, G, H} -> {L, P, C, Q, D, E,F, G, H}

c: {O, P, C, Q, D, F, E, G, H} -> {M,N,I,J}

c: {M,N,I,J} -> {K, C, Q, D, F, E, G,H}

a: {K, C, Q, D, F, E, G,H} -> {R}

b:{K, C, Q, D, F, E, G,H} -> {L, P, C, Q, D, E,F, G, H}

c: {K, C, Q, D, F, E, G,H} -> {M,N,I,J}

c: {A,B,C,D,E,F,G,H} ->{M,N,I,J}

a: {A,B,C,D,E,F,G,H} ->{R}

