

Decomp original = (SSN, Hobby, Address, Name | SSN => Address, Name; SSN, Hobby => SSN, Hobby, Address, Name)

Decomp after = [(SSN, Address, Name | SSN => Address, Name), (SSN, Hobby | SSN, Hobby => SSN, Hobby)]

Decomp original = (SSN, Hobby, Address, Name | SSN => Address, Name; SSN, Hobby => SSN, Hobby, Address, Name)

temp = (SSN, Address, Name | SSN => Address, Name)

decomp = (SSN, Hobby | SSN, Hobby => SSN, Hobby)

Decomp original = [A,B,C,D,E,F,G,H,K | {A,B,H}=>{C,K}; {A}=>{D}; {C}=>{E}; {B,G,H}=>{F}; {F}=>{A,D}; {E}=>{F}; {B,H}=>{E}]

ABH = {A,B,H,C,K,D,E,F}

A = {A, D}

C = {E, F, A, D}

BGH = {B,G,H,F,A,D,C,K,E}

F = {A, D, F}

E = {F, A, D, E}

BH = {E,F,B,H,A,D,C,K}

Decomp after1 = [(A,B,H,C,K | {A,B,H}=>{C,K}), (A,B,D,E,F,G,H | {A}=>{D}; {B,G,H}=>{F}; {F}=>{A,D}; {E}=>{F}; {B,H}=>{E})]

Decomp after2 = [(A,B,H,C,K | {A,B,H}=>{C,K}), (A,D | {A}=>{D}), (A,B,E,F,G,H | {B,G,H}=>{F}; {F}=>{A}; {E}=>{F}; {B,H}=>{E})]

Decomp after3 = [(A,B,H,C,K | {A,B,H}=>{C,K}), (A,D | {A}=>{D}), (A,F | {F}=>{A}), (B,E,F,G,H | {B,G,H}=>{F}; {E}=>{F}; {B,H}=>{E})]

Decomp after4 = [(A,B,H,C,K | {A,B,H}=>{C,K}), (A,D | {A}=>{D}), (A,F | {F}=>{A}), (E,F | {E}=>{F}), (B,E,G,H | {B,H}=>{E})]

Decomp after5 = [(A,B,H,C,K | {A,B,H}=>{C,K}), (A,D | {A}=>{D}), (A,F | {F}=>{A}), (E,F | {E}=>{F}), (B,H,E | {B,H}=>{E}), (BGH | {})]