

```

(EEA1_→B1_ [ω1_, Q1_] // EEA2_→B2_ [ω2_, Q2_]) /; (B1* === A2) :=

Module[{i, j, E1, F1, G1, E2, F2, G2, I, M = Table} ,
I = IdentityMatrix@Length@B1;
E1 = M[∂i,j Q1, {i, A1}, {j, B1}]; E2 = M[∂i,j Q2, {i, A2}, {j, B2}];
F1 = M[∂i,j Q1, {i, A1}, {j, A1}]; F2 = M[∂i,j Q2, {i, A2}, {j, A2}];
G1 = M[∂i,j Q1, {i, B1}, {j, B1}]; G2 = M[∂i,j Q2, {i, B2}, {j, B2}];
EEA1→B2 [CF [ω1 ω2 Det[I - F2.G1]1/2], CF@Plus[
If[A1 === {} ∨ B2 === {}, 0, A1.E1.Inverse[I - F2.G1].E2.B2],
If[A1 === {}, 0,  $\frac{1}{2}$  A1. (F1 + E1.F2.Inverse[I - G1.F2].E1⊤).A1],
If[B2 === {}, 0,  $\frac{1}{2}$  B2. (G2 + E2⊤.G1.Inverse[I - F2.G1].E2).B2]]]
]

```