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tσ[x_List, y_List][ε_] := (rr = Replace[Thread[x → y]] ;
  CF[ε /. b_i_ := b_rr@i /. {
    a[f_, i_, j_] := a[f, rr@i, j],
    δa[f_, i_, j_] := δa[f, rr@i, j],
    δaa[f_, i_, j_, k_, l_] := δaa[f, rr@i, j, rr@k, l]
  }]);

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tσ[x_, y_][ε_] := tσ[{x}, {y}][ε];

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hσ[x_List, y_List][ε_] := (rr = Replace[Thread[x → y]] ;
  CF[ε /. {
    a[f_, i_, j_] := a[f, i, rr@j],
    δa[f_, i_, j_] := δa[f, i, rr@j],
    δaa[f_, i_, j_, k_, l_] := δaa[f, i, rr@j, k, rr@l]
  }]);

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hσ[x_, y_][ε_] := hσ[{x}, {y}][ε];

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dσ[x_, y_][ε_] := ε // tσ[x, y] // hσ[x, y];

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