

### 3h. Iwasawa decomposition

Check of Table 3.5

```
In[ * ]:= Z13 == I XX0 + (1 / 2) HHr + (I / 2) (HHi - 2 WW0) // Liesub
          Z31 == -I XX0 + (1 / 2) HHr - (I / 2) (HHi - 2 WW0) // Liesub
          Z23 == (1 / 2) (XX1 + I XX2) - (1 / 2) (WW1 + I WW2) // Liesub
          Z32 == (1 / 2) (XX1 - I XX2) - (1 / 2) (WW1 - I WW2) // Liesub
```

```
Out[ * ]:= True
```

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Out[ * ]:= True
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Out[ * ]:= True
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