
15 Principal series

See §3.5.1

```
In[ ]:= Clear[phi, t, nu]
phi[h_, p_, r_, q_, nu_] := t^(2 + nu) Phi[h, p, r, q]
```

15a. Shift operators

15b. Intertwining operator $v \mapsto -v$

15c. Check Table 4.1 in Section 4.2.1