

Particle spectrograph

Wave operator and propagator

```
xAct`PSALTER`Private`GraphicsCollage[Join[xAct`PSALTER`Private`SplitWignerGrid[
  xAct`PSALTER`Private`SavedWaveOperator], {AspectRatio → Automatic}], Join[411, {AspectRatio → Automatic},
  {
    xAct`PSALTER`Private`PrintSpectrum[
      {
        xAct`PSALTER`Private`SavedSpectrum,
        xAct`PSALTER`Private`ShellType → xAct`PSALTER`Private`Massive]
      ,
      xAct`PSALTER`Private`PrintSpectrum[
        {
          xAct`PSALTER`Private`SavedMasslessSpectrum,
          xAct`PSALTER`Private`ShellType → xAct`PSALTER`Private`Massless]
        }, {500}]]]
```

Massive and massless spectra

```
xAct`PSALTER`Private`GraphicsCollage[
  {
    xAct`PSALTER`Private`PrintSpectrum[
      {
        xAct`PSALTER`Private`SavedSpectrum,
        xAct`PSALTER`Private`ShellType → xAct`PSALTER`Private`Massive]
      ,
      xAct`PSALTER`Private`PrintSpectrum[
        {
          xAct`PSALTER`Private`SavedMasslessSpectrum,
          xAct`PSALTER`Private`ShellType → xAct`PSALTER`Private`Massless]
        }, Join[411,
          {
            xAct`PSALTER`Private`PrintSpectrum[
              {
                AspectRatio → Automatic, {
                  xAct`PSALTER`Private`SavedSpectrum,
                  xAct`PSALTER`Private`ShellType → xAct`PSALTER`Private`Massive]
                ,
                xAct`PSALTER`Private`PrintSpectrum[
                  {
                    xAct`PSALTER`Private`SavedMasslessSpectrum,
                    xAct`PSALTER`Private`ShellType → xAct`PSALTER`Private`Massless]
                  }, {500}]]]
          }
        ]
      }
    ]
  }
```

Unitarity conditions

```
SickMaxwellTheory[xAct`PSALTER`Private`SavedOverallUnitarity]
```