

```

In[ ]:= glgl = GridLines -> {{
    {1/6, Green}, {2/6, Green}, {3/6, Green}, {4/6, Green}, {5/6, Green},
    {7/6, Green}, {8/6, Green}, {9/6, Green}, {10/6, Green}, {11/6, Green},
    {1, Red}, {2, Red}, {3, Red}}, None};

YYY[offset_, high_, xx_] := high * Sin[xx *  $\pi$  + offset *  $\pi$ ];
YY1[xx_] = YYY[0, 1, xx];
YY2[xx_] = YYY[2/3, 1, xx];
YY3[xx_] = YYY[-2/3, 1, xx];
ZZ12[xx_] := Abs[YY1[xx] - YY2[xx]];
ZZ23[xx_] := Abs[YY2[xx] - YY3[xx]];
ZZ31[xx_] := Abs[YY3[xx] - YY1[xx]];
ZZ1223[xx_] := Abs[ZZ12[xx] + ZZ23[xx]];
ZZ2331[xx_] := Abs[ZZ23[xx] + ZZ31[xx]];
ZZ3112[xx_] := Abs[ZZ31[xx] + ZZ12[xx]];

SSA1 = Table[{x, YY1[x]}, {x, 0, 3, 0.02}];
SSA2 = Table[{x, YY2[x]}, {x, 0, 3, 0.02}];
SSA3 = Table[{x, YY3[x]}, {x, 0, 3, 0.02}];

SSB1 = Table[{x, ZZ12[x]}, {x, 0, 3, 0.02}];
SSB2 = Table[{x, ZZ23[x]}, {x, 0, 3, 0.02}];
SSB3 = Table[{x, ZZ31[x]}, {x, 0, 3, 0.02}];

SSC1 = Table[{x, ZZ1223[x]}, {x, 0, 3, 0.02}];
SSC2 = Table[{x, ZZ2331[x]}, {x, 0, 3, 0.02}];
SSC3 = Table[{x, ZZ3112[x]}, {x, 0, 3, 0.02}];

SSDAp = Join[Table[{x, ZZ31[x]}, {x, 0, 1/3, 0.02}], Table[{x, ZZ12[x]}, {x, 2/3, 3/3, 0.02}]];
SSDCp = Join[Table[{x, ZZ23[x]}, {x, 0, 1/3, 0.02}], Table[{x, ZZ12[x]}, {x, 4/3, 5/3, 0.02}]];

SSDBm = Join[Table[{x, ZZ31[x]}, {x, 1/3, 2/3, 0.02}], Table[{x, ZZ23[x]}, {x, 5/3, 6/3, 0.02}]];
SSDCm = Join[Table[{x, ZZ12[x]}, {x, 1/3, 2/3, 0.02}], Table[{x, ZZ23[x]}, {x, 3/3, 4/3, 0.02}]];

```

```
SSDBp = Join[Table[{x, ZZ23[x]}, {x,  $\frac{2}{3}$ ,  $\frac{3}{3}$ , 0.02}], Table[{x, ZZ31[x]}, {x,  $\frac{4}{3}$ ,  $\frac{5}{3}$ , 0.02}]]];
SSDAm = Join[Table[{x, ZZ31[x]}, {x,  $\frac{3}{3}$ ,  $\frac{4}{3}$ , 0.02}], Table[{x, ZZ12[x]}, {x,  $\frac{5}{3}$ ,  $\frac{6}{3}$ , 0.02}]]];
```

```
SSDBmx = Table[{x, 0.2}, {x,  $\frac{0}{3}$ ,  $\frac{1}{3}$ , 0.07}];
```

```
SSDApx = Table[{x, 0.3}, {x,  $\frac{1}{3}$ ,  $\frac{2}{3}$ , 0.07}];
```

```
SSDCmx = Table[{x, 0.2}, {x,  $\frac{2}{3}$ ,  $\frac{3}{3}$ , 0.07}];
```

```
SSDBpx = Table[{x, 0.3}, {x,  $\frac{3}{3}$ ,  $\frac{4}{3}$ , 0.07}];
```

```
SSDAmx = Table[{x, 0.2}, {x,  $\frac{4}{3}$ ,  $\frac{5}{3}$ , 0.07}];
```

```
SSDCpx = Table[{x, 0.3}, {x,  $\frac{5}{3}$ ,  $\frac{6}{3}$ , 0.07}];
```

```
ListPlot[
  {SSDAp, SSDCp, SSDBm, SSDCm, SSDBp, SSDAm,
   SSDBmx, SSDApx, SSDCmx, SSDBpx, SSDAmx, SSDCpx}, glg],
  PlotMarkers → {"A+", "C+", "B-", "C-", "B+", "A-",
   "B-", "A+", "C-", "B+", "A-", "C+"}]
```

```
ListPlot[{SSB1, SSB2, SSB3}, glg]
```

```
ListPlot[{SSA1, SSA2, SSA3}, glg, PlotMarkers → {"A", "C", "B"}]
```

```
ListPlot[{SSC1, SSC2, SSC3}, glg]
```



