```
Table[
 cy = {s, m, n};
 lhs = Sum[F₂[c0, cy], {c0, Xl}] //. gRules[Xl];
 rhs = Sum[F₂[c0, cy], {c0, Xr}] //. gRules[Xr];
 Simplify[lhs == rhs],
 {s, {1, -1}}
]
```