

```

Format[ $\Sigma_{b_B}[\sigma_, PQ[C_, q_]]] := Module[{ $\eta S$ },
 $\eta S = \eta_{\#}$  & /@ Join @@  $b$ ;
Column[{TraditionalForm@ $\sigma$ ,
TableForm[Join[
Prepend[""] /@ Table[TraditionalForm[ $\partial_c r$ ],
{ $r, C$ }, { $c, \eta S$ }],
{Prepend[""] [
Join @@
( $b /. \{L_, m\_\_\_, r_\} \Rightarrow$ 
{DisplayForm@RowBox[{"(",  $L$ ]},
 $m$ , DisplayForm@RowBox[{" $r$ ", ")}"]}] /.$ 
 $i\_Integer \Rightarrow \eta_i$ ] },
MapThread[Prepend,
{Table[TraditionalForm[ $\partial_{r,c} q$ ], { $r, \eta S^*$ },
{ $c, \eta S$ }],  $\eta S^*$ }
], TableAlignments  $\rightarrow$  Center]
}, Center] ];

```