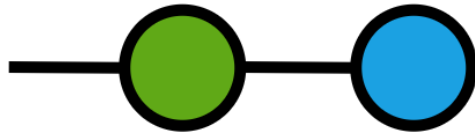| vector matrix product | $\sum_\beta M_{\alpha\beta} v_\beta$ | |
| matrix product | $\sum_\beta M_{\alpha\beta} M'_{\beta\gamma}$ | |