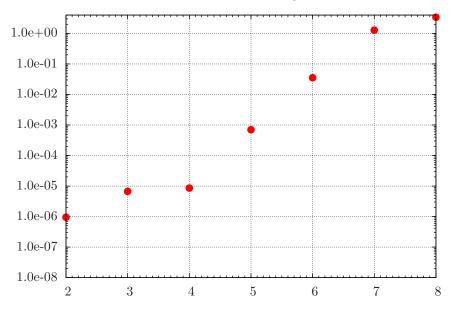
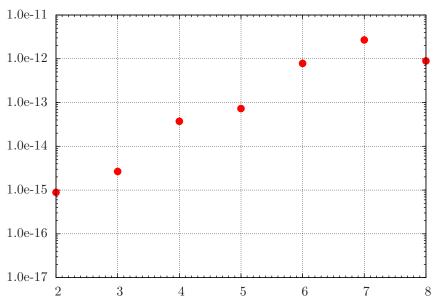
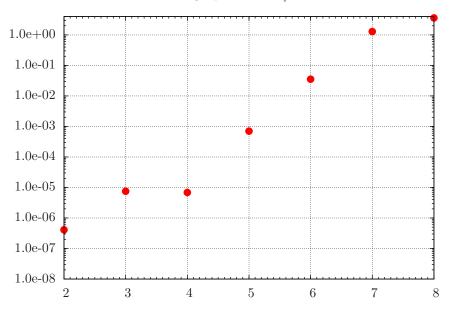
Single precision error  $(S_{up} - S_{down})$ 



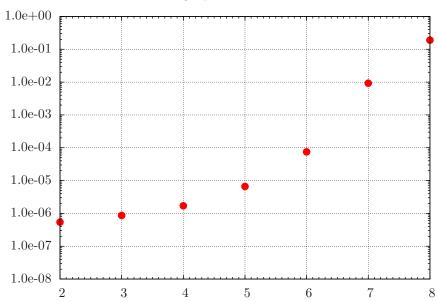
Double precision error  $(S_{up} - S_{down})$ 



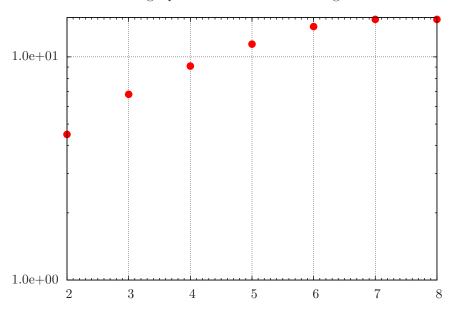
## Single precision $S_{up}$ error



## Single precision $S_{down}$ error



## Single precision error for alternating series



## Double precision error for alternating series

