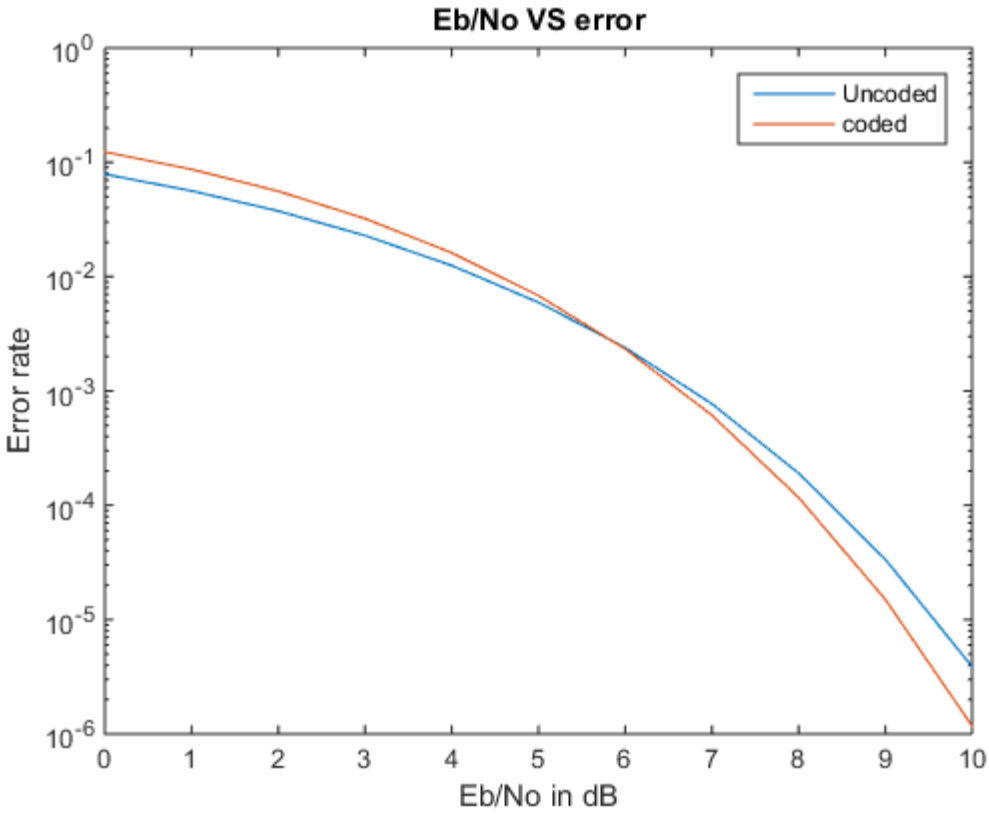
```
EbNo=(0:10)';
beruncoded=berawgn(EbNo,'psk',4,'nondiff');
bercoded=bercoding(EbNo,'block','hard',7,4,3);
semilogy(EbNo,[beruncoded,bercoded]);
title('Eb/No VS error');
xlabel('Eb/No in dB');
ylabel('Error rate');
legend('Uncoded','coded');
```



Published with MATLAB® R2014b