



1. For the TG on page 142, 1ii, use the algorithm I described in class to build an equivalent FA and draw the FA.
2. For the TG on page 142, 1iv, use the algorithm I described in class to build an equivalent FA and draw the FA.
3. For the NDFFA on page 146, 16iii, use the algorithm I described in class to build an equivalent FA and draw the FA. (Remember that an NDFFA is a TG.)
4. Use the algorithm I gave in class to construct a regular expression defining the language accepted by FA_1 on page 143. Show each of the sets $L_{i,j,k}(M)$.
5. Use the algorithm I gave in class to construct a regular expression defining the language accepted by FA_2 on page 143. Show each of the sets $L_{i,j,k}(M)$.