

CHAPTER V

CONCLUSIONS

Guest free DCA was applied as an intermediate crystal for preparation of DCA-VCM by using insertion technique at low temperature. VCM is stabilized in DCA host channel. Radiation-initiated polymerization is found to be a useful way to polymerize VCM in DCA channel to obtain PVC. Comparing to the commercial PVC, the obtained PVC shows evidence of more stereoregularity than the commercial PVC but less order than the PVC prepared by urea inclusion polymerization