

Questions for chapter 5

1. What new possibilities offer DMS in quantum structures?
2. Why it was difficult to determine the band offsets for CdTe/CdMnTe system?
3. What is spin tracing?
4. What is the utility of DMS in studies of charged excitons?
5. Why is it interesting to use DMS in studies of in-plane anisotropy of confined excitons?
6. When is the mean field approximation insufficient to describe properties of DMS?
7. How do magnetic fluctuations influence the properties of DMS?
8. What new effect has been predicted for DMS, apart from those related to magnetic interactions?