

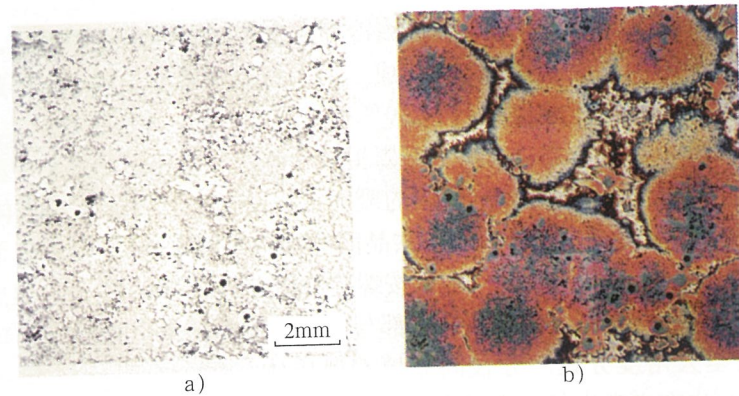
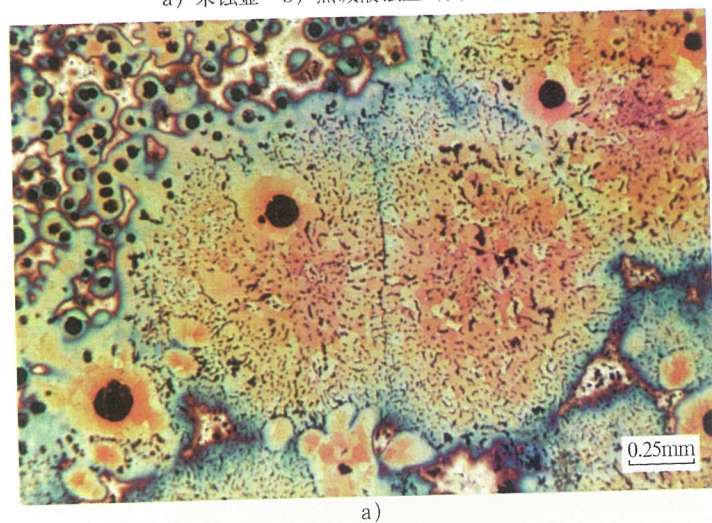
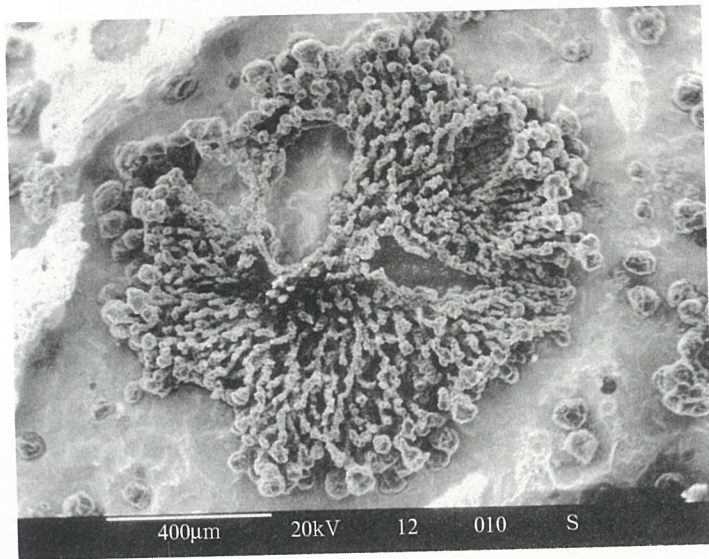


图 3-68 灰斑区的碎块状石墨共晶团组织
a) 未蚀显 b) 热碱液蚀显 (同一视场)

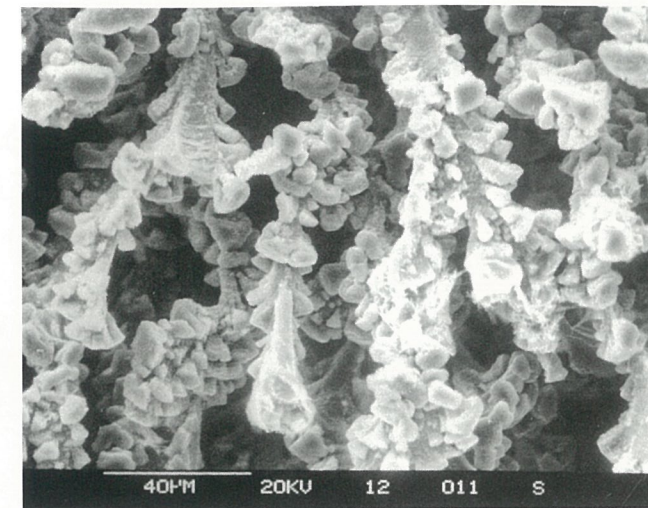


a)

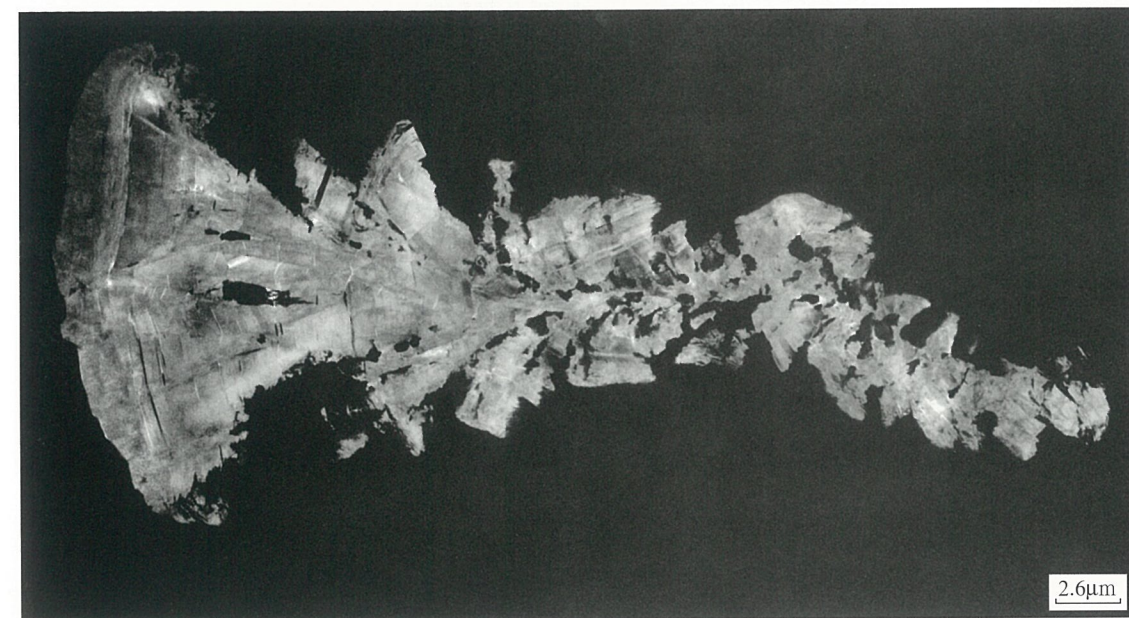


b)

图 3-69 碎块状石墨共晶团的结构
a) 热碱液蚀显 b) 三维结构 (SEM 观察)^[1]



a)



b)

图 3-70 碎块石墨分枝的结构^[1]

a) 三维外部结构 (SEM 观察) 照片 b) 分枝内部结构 (TEM 观察) 照片

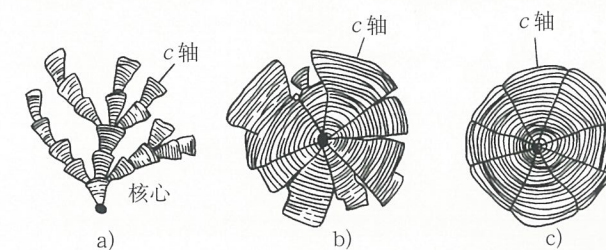


图 3-71 碎块状石墨的生长模型^[113]

a) 碎块状石墨 b) 中间态石墨 c) 球状石墨