```
(a) project select BOOK (PName = 'Pitman')(Title)
(b) project join (project select BOOK (Pname = 'MIT Press')) (AName), AUTHOR: [AName = AName]) (Specialism)
(c) project join (project select BOOK (Title = 'A guide to DB2')) (PName), PUBLISHER: [PName = PName]) (Location)
(d) project divide
     (project BOOK (AName, PName), D : [AName | AName]) (PName) where D(AName) is a relation containing two tuple-values Smith and Jones.
(e) project join (select join (project BOOK (AName, PName), PUBLISHER: [PName = PName]) (Location = 'Paris'), AUTHOR: [AName = AName]) (AName, Address)
(a) project join (project select DEPARTMENT (DeptName = 'R/D') (DeptNo), EMPLOYEE : [DeptNo = DeptNo]) (EmpNo, EmpName)
(b) project join (project select (join (project select (join (project select DEPARTMENT (Location = 'Geneva') (DeptNo, ManagerNo), EMPLOYEE : [DeptNo = DeptNo]) (EmpName = 'Smith') (EmpNo, ManagerNo), EMPLOYEE : [EmpNo = ManagerNo]) (EmpName)
(c) project join (project select DEPARTMENT (Location = 'New York') (DeptNo), EMPLOYEE : [DeptNo = DeptNo) (EmpNo, EmpName, Salary)
Denoting T = TAPE, M = MEMBER, B = BORROWING
(a) project T(Title)
(b) X2 := project (select T(Title= 'Quadrophenia') (Catalogue#)
(c) X2 \ ( project (select join (X2, B: [Catalogue# = Catalogue#])(Return-Date = 'Not-Yet') (Catalogue#)
(d) R1 := project join (project select T(Title = 'Paradise Lost') (Catalogue#), B:[Catalogue# = Catalogue#])) (Id) R := project join(R1, M: [Id = Id]) (Id, Name)
(e) project T(Title) \ (project select join(T, B: [Catalogue# = Catalogue#]) (Borrow-Date + 730 > sysdate) (Title))
```