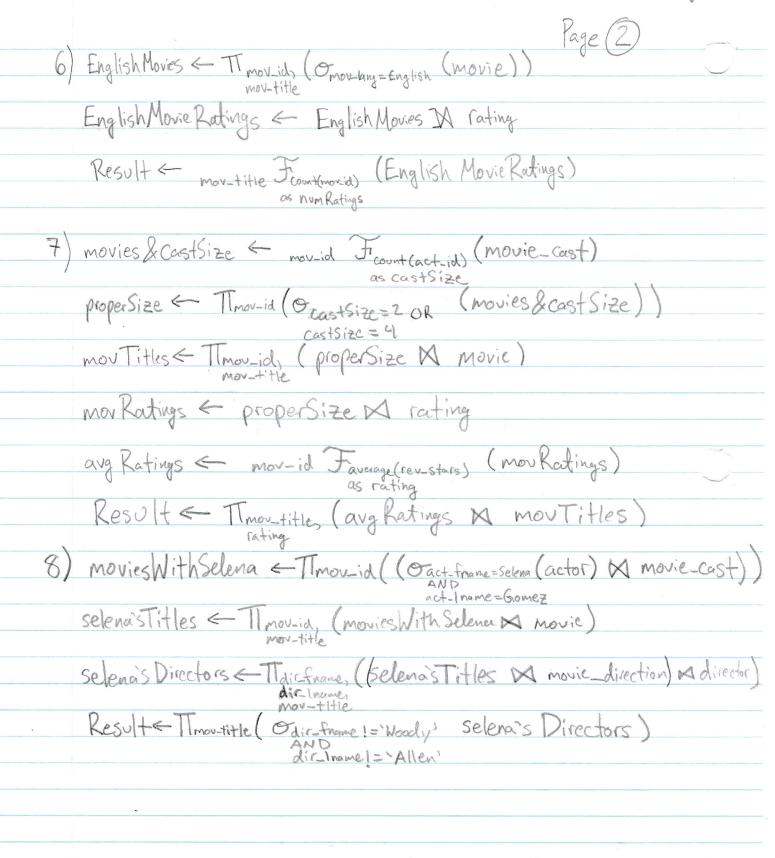
332 Relation Algebra page 1

Birdbox ID & TImorrid (Omortitle=Birdbox (movie)) BBact-ids - TTact-id (Birdbox DM movie_cast) Result - Tract-frame, (BBact-ids Mactor) Result & dirid Frount (movied) (movie-direction). Movies and Genres - TImovid, (Movie > movie-genres) Kesult ← TImov-title, (Movies and Genres X genres) 4) ChuckID = Trevid (Orev-name="ChuckShmit" (reviewer)) 4 Stars - Tmouid (Orevistars = 4 (Chuck ID X rating)) Result & TImor-title (4stors X movie) 5) 2012 - Travid (Onov-year=2012 (movie)) moviel movetitle actid roledirid intermediate < (2012 & movie-cast) & movie-direction movid costsize intermediate 2< mov-id Frount(act-ia) (intermediate) mov-titleldir-id Cost Size intermediate 3 < Transitive (intermediate & intermediate 2) dir-id, castsize direid din Frame dir-Inane moutilled cost Size intermediate 3 X director Result <

Hilroy



1)	Thriller De-Tigen-id (Ogen-title=Thriller (genres)) Page (3)
	Thriller Movie DS & Timouid (Thriller D M movie-genres)
	Thriller Ratings & Thriller Movie Ds M rating
	avg Rating = mov-id Faverage (rev-stars) (Thriller Rating)
	ThrillerActors < movie cost on ThrillerMovielBs
*	numActors < mov-id Front(act-id) (ThrillerActors) as castsize
	Result < Thortitle, (movie of (numActors of ang Rating)) rating, castsize
10)	num Review < mov-id Frount (mov-id) (rating) as num Ratings
	max Ratings — Finax(num Redings) (num Review) as num Ratings
	max Rating With IDE merx Rating M num Review
	Result - Timerid, (movie M max Rating With 10).
	V
7	