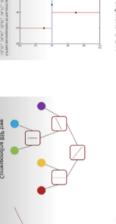
o scene is divided into 2 Founex sets by exis-aligned hyperplanes (space suppression) for markon/high to markon

Binary Space Partitioning (BSP)

k-D Tree

A 2-D example (k = 2):



- partitions objects into dispoint polygons lobject subdivision) Populating represent (Park)
- overlap en occur between bounding boxes (volumes)
- · hirecrepty bows to are consisted children poxes
- י ביטתילינמי לי שפפט שפים אים יחים לרסעיתים

texture mapping

P in image in force and point (ning) calence in washing in the texture image was bin (i) Hadding unst pe 30 - 30, ethropies: xAs - no neing paraconer conquater (8/5)

step 1= associate (1) is 6 [0] x [0]] coordinates to texture image

the enforce wing two appropriates borowschowsa

عدم ع=

compute a (1,0) nal for every surface point =£ 9942

find the texture image coardinate (i.j) at the given (u.a) coardinate chaose the texel color using a sustable interpolation strategy 115 9542

-> pilinear interpolation = average four closest neighbors consoches) founding)

اع مرادق وودود من ولمو ومنصور وماهم على معموره و المعادم و المعادم والمعرور و المعمور المعروب المعروب

fexture to be mapped textured to be mapped فعدلسو مهمهه المرامع فدمهم العن معدور المرب عصدما المدود المد وعدام مدلح 10(6) x)= 10+ 16(01-00)+ x(00-00) > pourticerprise

posess of repeating a texture inside of stretching (dissure) اع لحددسو حصره امم حد معد انسادها لم [٥]

texture ofloses: combines textures of many objects into a singe image

3 procedural textures: generating textures procedurally for each surface points instead of using 13 to look notural/realistic random pattons (ex. porlin noise technique) image as the texture to be mapped