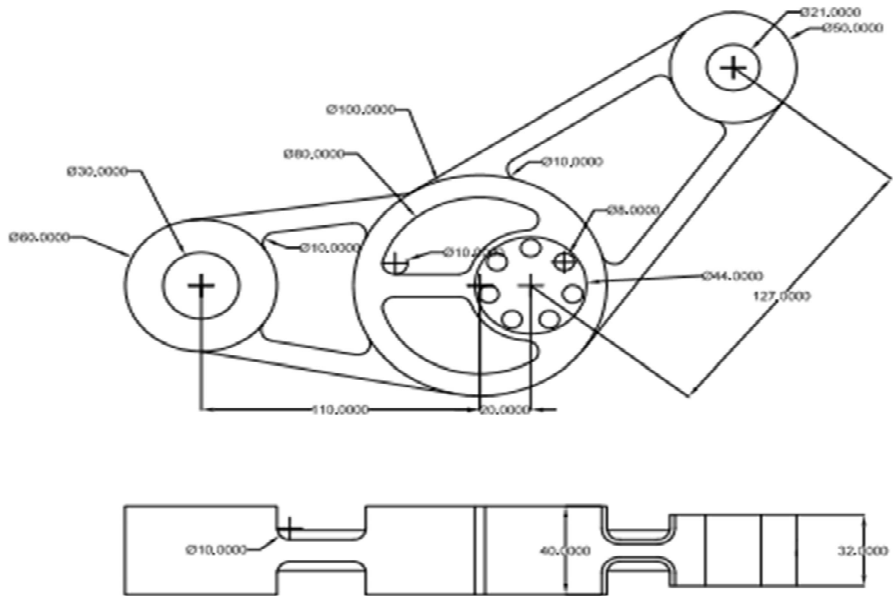# Experiment no.6

2-D Representation

List of Commands

Command: LIMITS

Command: C

CIRCLE

Specify center point for circle or [3P/2P/Ttr (tan tan radius)]: 0,0

Specify radius of circle or [Diameter]: 22

Command:

CIRCLE

Specify center point for circle or [3P/2P/Ttr (tan tan radius)]: 0,0

Specify radius of circle or [Diameter] <22.0000>: 17

Command:

CIRCLE

Specify center point for circle or [3P/2P/Ttr (tan tan radius)]:

Specify radius of circle or [Diameter] <17.0000>: d

Specify diameter of circle <34.0000>: 8

Command: ARRAY

Select objects: 1 found

Select objects:

Enter array type [Rectangular/PAth/POlar] <Polar>:

Type = Polar Associative = Yes

Specify center point of array or [Base point/Axis of rotation]: 0,0

Select grip to edit array or [ASsociative/Base point/Items/Angle between/Fill angle/ROWs/Levels/ROTate items/eXit]<eXit>: I

Enter number of items in array or [Expression] <6>: 7

Select grip to edit array or [ASsociative/Base point/Items/Angle between/Fill angle/ROWs/Levels/ROTate items/eXit]<eXit>: *Cancel*

Command: C

CIRCLE

Specify center point for circle or [3P/2P/Ttr (tan tan radius)]: -20,0

Specify radius of circle or [Diameter] <4.0000>: 50

Command:

CIRCLE

Specify center point for circle or [3P/2P/Ttr (tan tan radius)]: 0,0

Specify radius of circle or [Diameter] <50.0000>: 25

Command:

CIRCLE

Specify center point for circle or [3P/2P/Ttr (tan tan radius)]:

Specify radius of circle or [Diameter] <25.0000>: 40

Command: FILLET

Current settings: Mode = TRIM, Radius = 0.0000

Select first object or [Undo/Polyline/Radius/Trim/Multiple]: r

Specify fillet radius <0.0000>: 5

Select first object or [Undo/Polyline/Radius/Trim/Multiple]:

Select second object or shift-select to apply corner or [Radius]:

Command: L

LINE

Specify first point: 0,0

Specify next point or [Undo]: <Ortho on>

Specify next point or [Undo]: *Cancel*

Command: OFFSET

Current settings: Erase source=No Layer=Source OFFSETGAPTYPE=0

Specify offset distance or [Through/Erase/Layer] <Through>: 5

Select object to offset or [Exit/Undo] <Exit>:

Specify point on side to offset or [Exit/Multiple/Undo] <Exit>:

Select object to offset or [Exit/Undo] <Exit>:

Specify point on side to offset or [Exit/Multiple/Undo] <Exit>:

Select object to offset or [Exit/Undo] <Exit>:

Command: TR

TRIM

Current settings: Projection=UCS, Edge=None

Select cutting edges ...

Select objects or <select all>:

Select object to trim or shift-select to extend or

[Fence/Crossing/Project/Edge/eRase/Undo]:

Select object to trim or shift-select to extend or

Select object to trim or shift-select to extend or

[Fence/Crossing/Project/Edge/eRase/Undo]:

 [Fence/Crossing/Project/Edge/eRase/Undo]: Specify opposite corner:

No objects crossed by crossing window.

Select object to trim or shift-select to extend or

[Fence/Crossing/Project/Edge/eRase/Undo]:

Select second object or shift-select to apply corner or [Radius]:

Command:

FILLET

Current settings: Mode = TRIM, Radius = 2.0000

Select first object or [Undo/Polyline/Radius/Trim/Multiple]:

Select second object or shift-select to apply corner or [Radius]:

Command:

FILLET

Current settings: Mode = TRIM, Radius = 2.0000

Select first object or [Undo/Polyline/Radius/Trim/Multiple]:

Select second object or shift-select to apply corner or [Radius]:

Select second object or shift-select to apply corner or [Radius]:

Command: OFFSET

Current settings: Erase source=No Layer=Source OFFSETGAPTYPE=0

Specify offset distance or [Through/Erase/Layer] <10.0000>: 2

Select object to offset or [Exit/Undo] <Exit>:

Select object to offset or [Exit/Undo] <Exit>:

Specify point on side to offset or [Exit/Multiple/Undo] <Exit>:

Select object to offset or [Exit/Undo] <Exit>:

Command:

OFFSET

Current settings: Erase source=No Layer=Source OFFSETGAPTYPE=0

Specify offset distance or [Through/Erase/Layer] <2.0000>:

Select object to offset or [Exit/Undo] <Exit>:

Select object to offset or [Exit/Undo] <Exit>:

Specify point on side to offset or [Exit/Multiple/Undo] <Exit>:

Command: F

FILLET

Current settings: Mode = TRIM, Radius = 5.0000

Select first object or [Undo/Polyline/Radius/Trim/Multiple]:

Select second object or shift-select to apply corner or [Radius]:

Command:

FILLET

Current settings: Mode = TRIM, Radius = 5.0000

Select first object or [Undo/Polyline/Radius/Trim/Multiple]:

Select second object or shift-select to apply corner or [Radius]:

Command: L

LINE

Specify first point:

Specify next point or [Undo]:

Specify next point or [Undo]: *Cancel*

Command: OFFSET

Current settings: Erase source=No Layer=Source OFFSETGAPTYPE=0

Specify offset distance or [Through/Erase/Layer] <4.0000>: 2

Select object to offset or [Exit/Undo] <Exit>:

Specify point on side to offset or [Exit/Multiple/Undo] <Exit>:

Select object to offset or [Exit/Undo] <Exit>:

Select object to offset or [Exit/Undo] <Exit>:

Command: TR

TRIM

Current settings: Projection=UCS, Edge=None

Select cutting edges ...

Select objects or <select all>:

Select object to trim or shift-select to extend or

[Fence/Crossing/Project/Edge/eRase/Undo]: Specify opposite corner:

Select object to trim or shift-select to extend or

[Fence/Crossing/Project/Edge/eRase/Undo]: Specify opposite corner:

Command: OFFSET

Current settings: Erase source=No Layer=Source OFFSETGAPTYPE=0

Specify offset distance or [Through/Erase/Layer] <2.0000>:

Select object to offset or [Exit/Undo] <Exit>:

Specify point on side to offset or [Exit/Multiple/Undo] <Exit>: *Cancel*

Command:

OFFSET

Current settings: Erase source=No Layer=Source OFFSETGAPTYPE=0

Specify offset distance or [Through/Erase/Layer] <2.0000>:

Select object to offset or [Exit/Undo] <Exit>:

Specify point on side to offset or [Exit/Multiple/Undo] <Exit>:

Select object to offset or [Exit/Undo] <Exit>: *Cancel*

Command: L

LINE

Specify first point:

Specify next point or [Undo]:

Specify next point or [Undo]: *Cancel*

Command:

LINE

Specify first point:

Specify next point or [Undo]:

Specify next point or [Undo]: *Cancel*