

PAPER ARCHITECTURE

Group 49 - Armand Lala; Davide Vinci

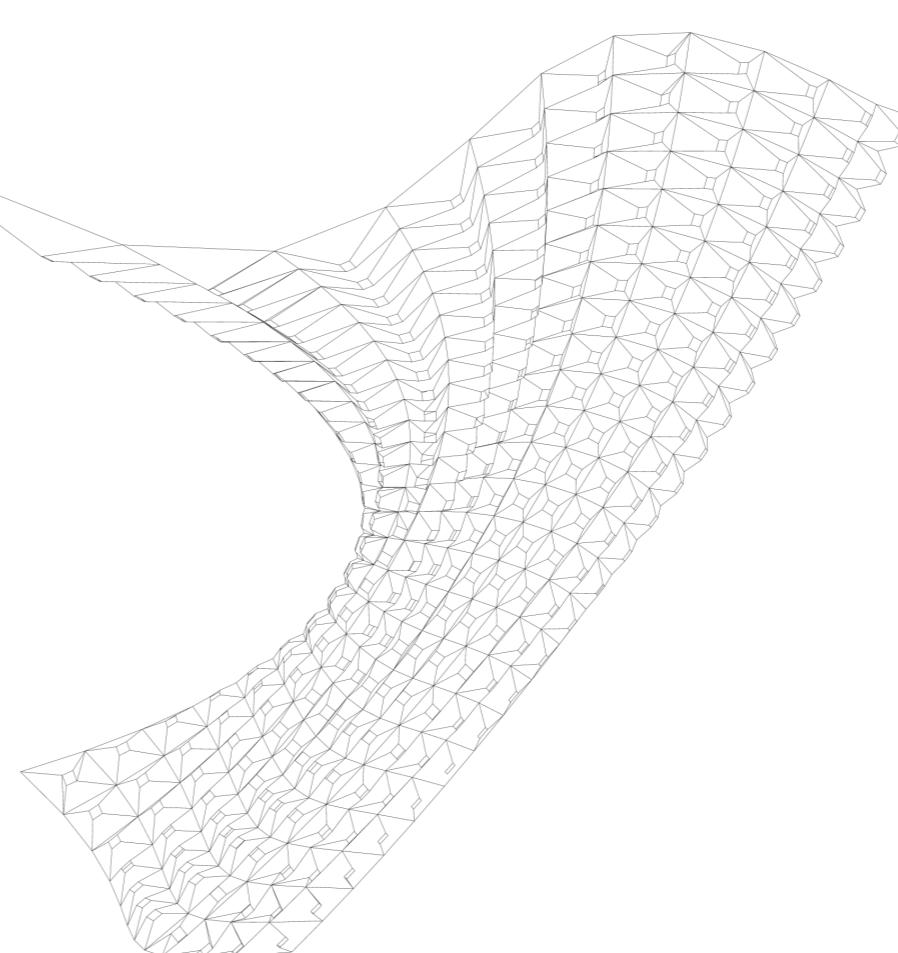
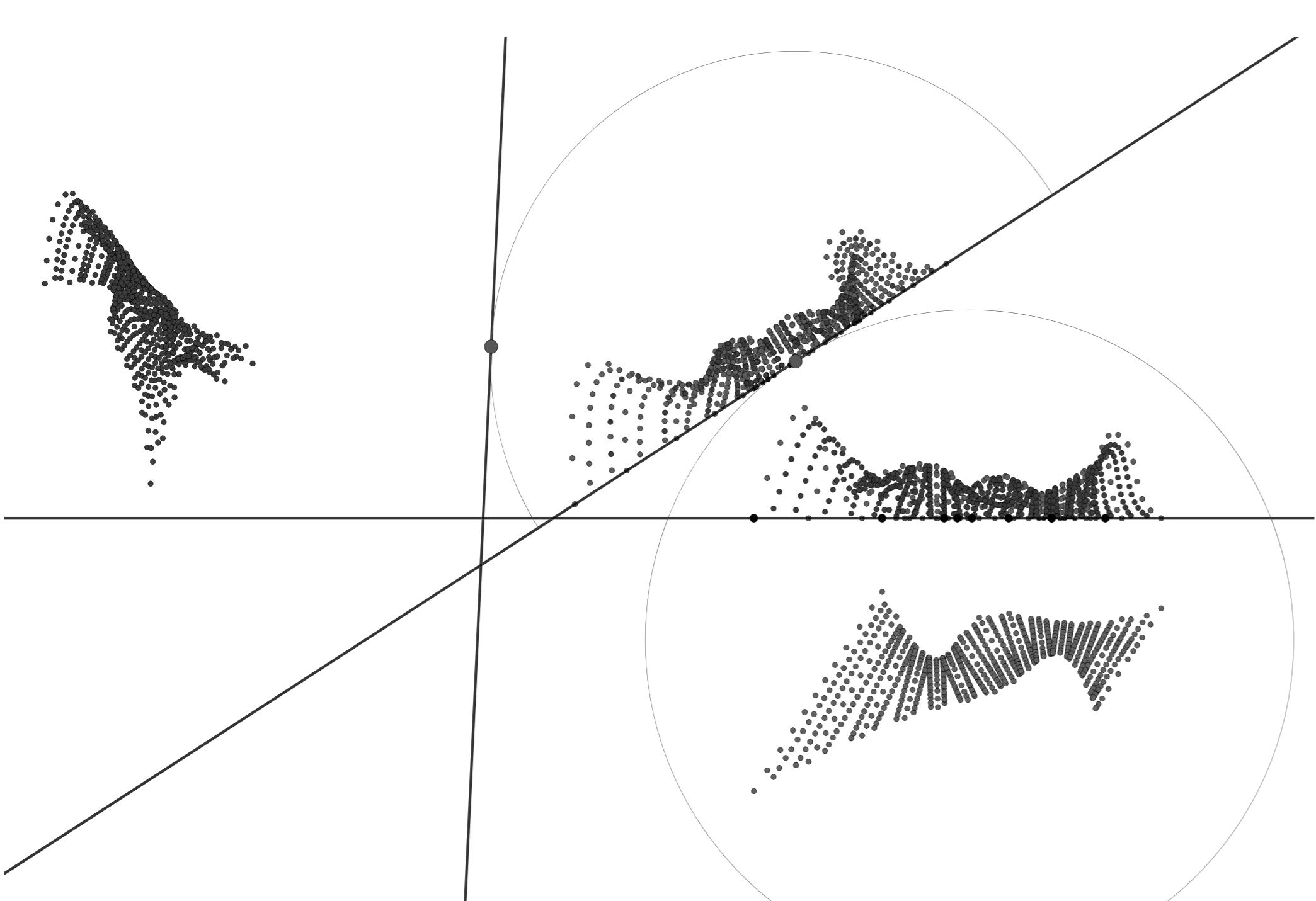
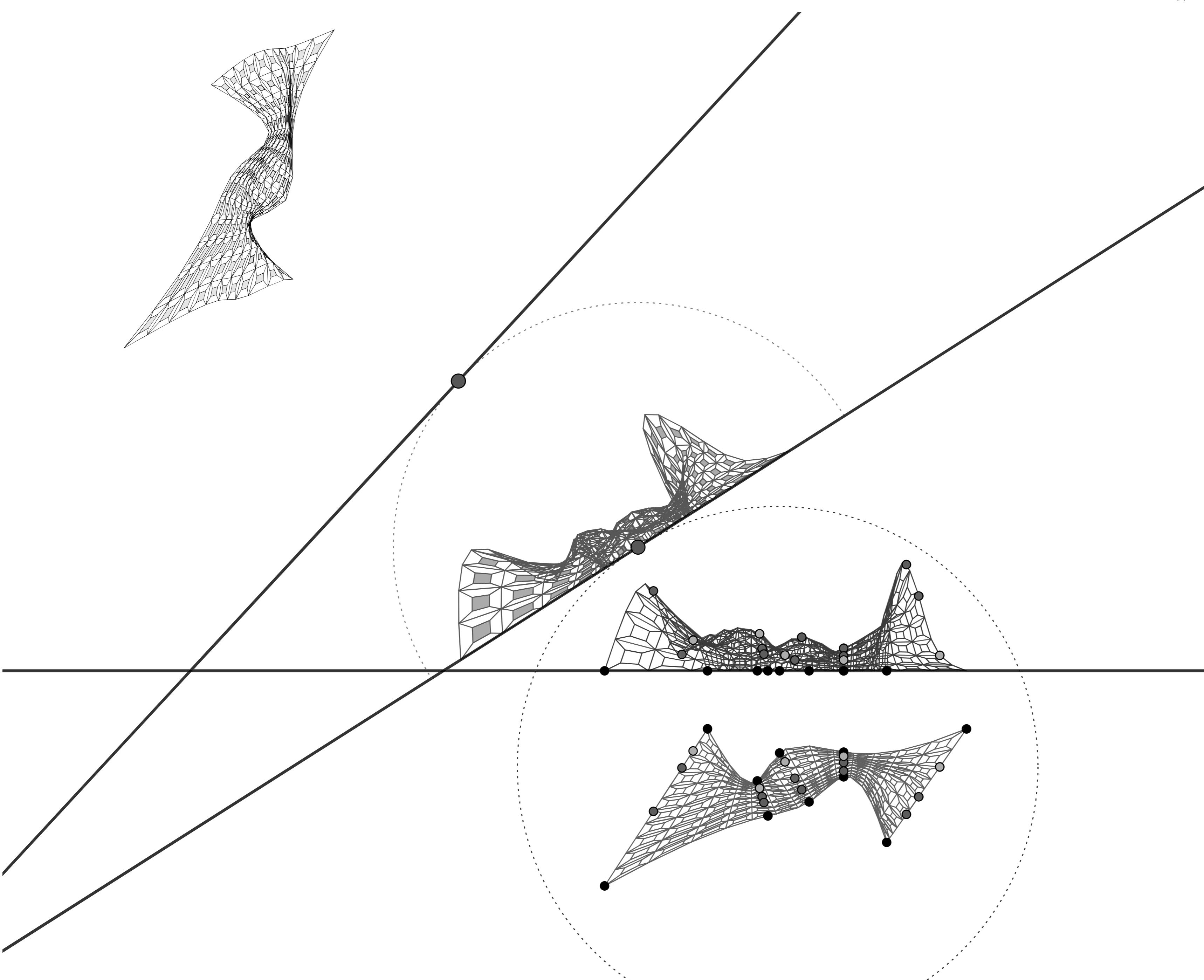
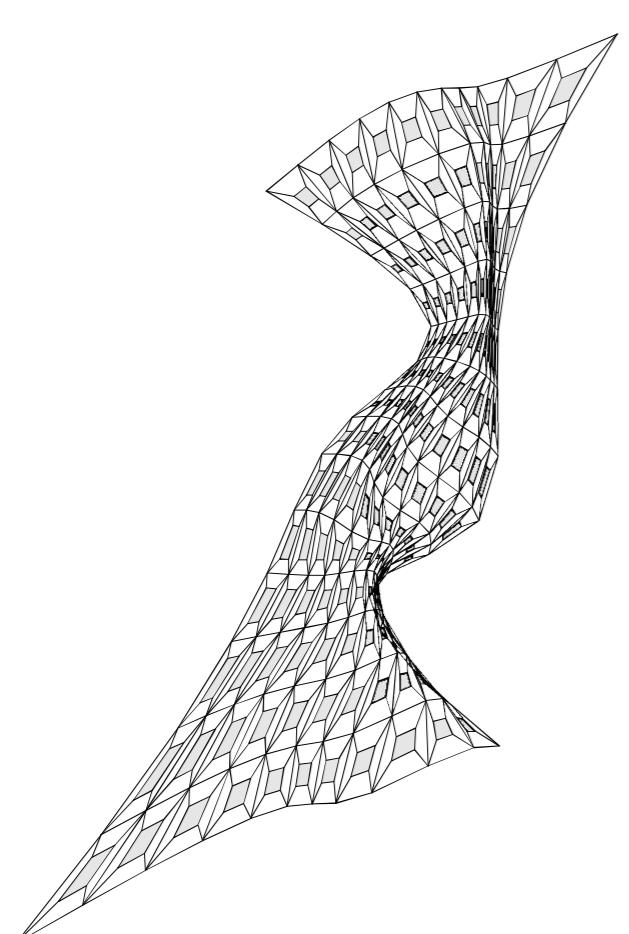
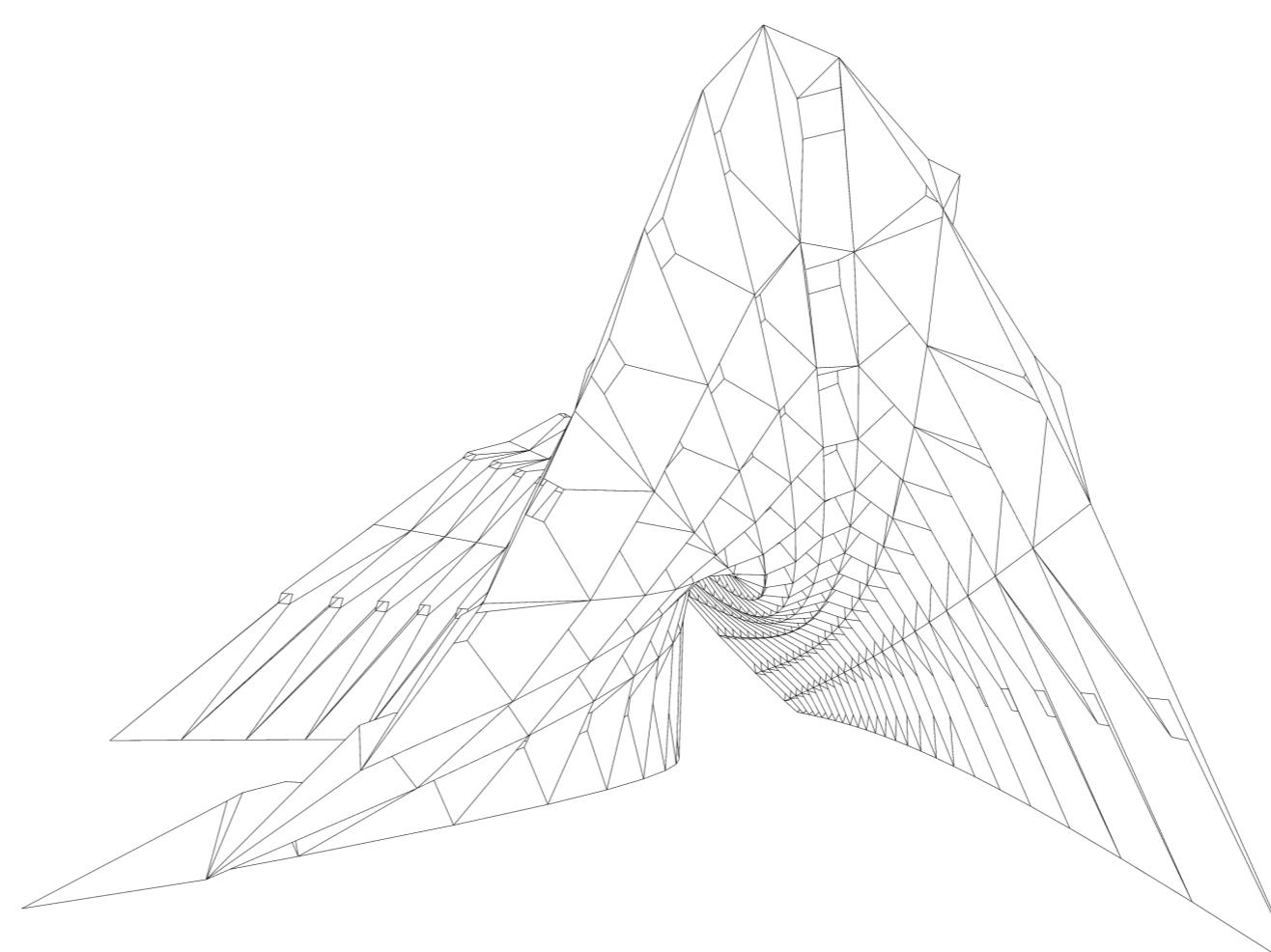
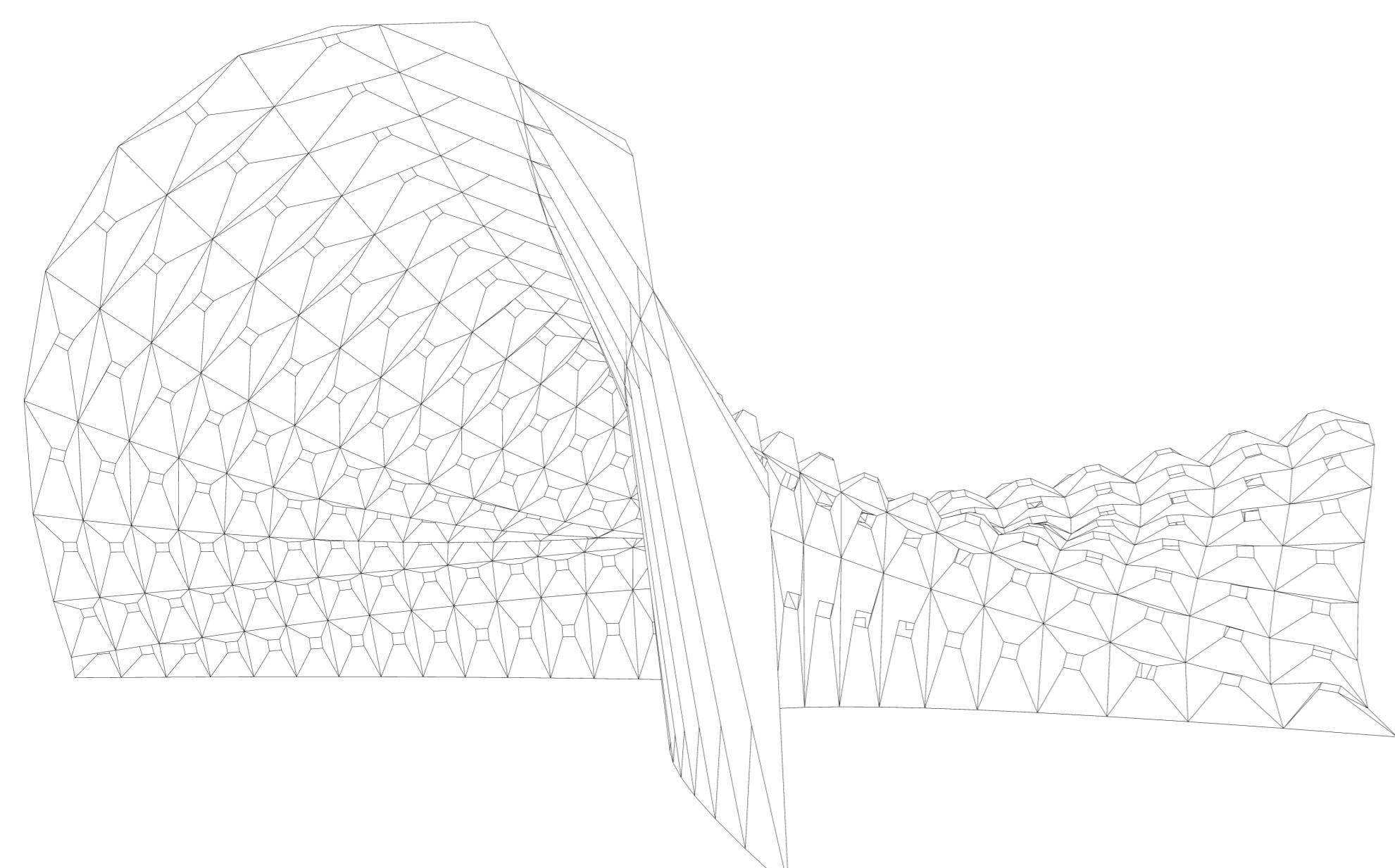
AR4341 GEOMETRIC REPRESENTATIONS / Instructor: Dr. Dimitris Papanikolaou / Teaching Assistant: Stamatina Mikrou; Christos Trombukis

A.Y. 2024/25

GEOGEBRA CONSTRUCTION PROCESS OF THE STRUCTURE WITH PREDEFINED PARAMETERS (FREEDOM TO SET THE CURVES ON WHICH THE SURFACE DEVELOPS; DIVISION INTO U-V LINES AND OPENING ON EACH MODULE)

1

THE PROJECT DEALS WITH DOUBLE-CURVED SURFACES, MAKING ALMOST ANY TYPE OF SURFACE ADAPTABLE TO 'MODULATION'; A 'PATTERN' OF MODULES ALONG THE DIRECTIONS OF CURVATURE IS THEN APPLIED; THE MODULE THUS DISTORTS BUT RETAINS ITS PROPERTIES.



5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

PAPER ARCHITECTURE

Group 49 - Armand Lala; Davide Vinci

AR4341 GEOMETRIC REPRESENTATIONS / Instructor: Dr. Dimitris Papanikolaou / Teaching Assistant: Stamatina Mikrou; Christos Trombukis

A.Y. 2024/25

THREE-DIMENSIONAL IDENTIFICATION MAPPING AND SUBSEQUENT SHAPE DEVELOPMENT ON A PLANE

