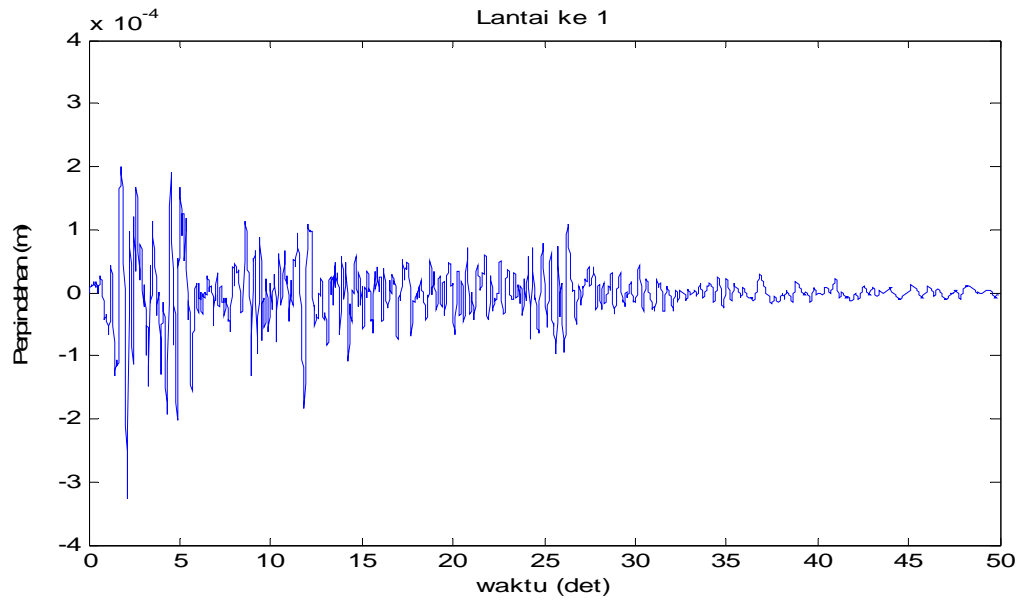
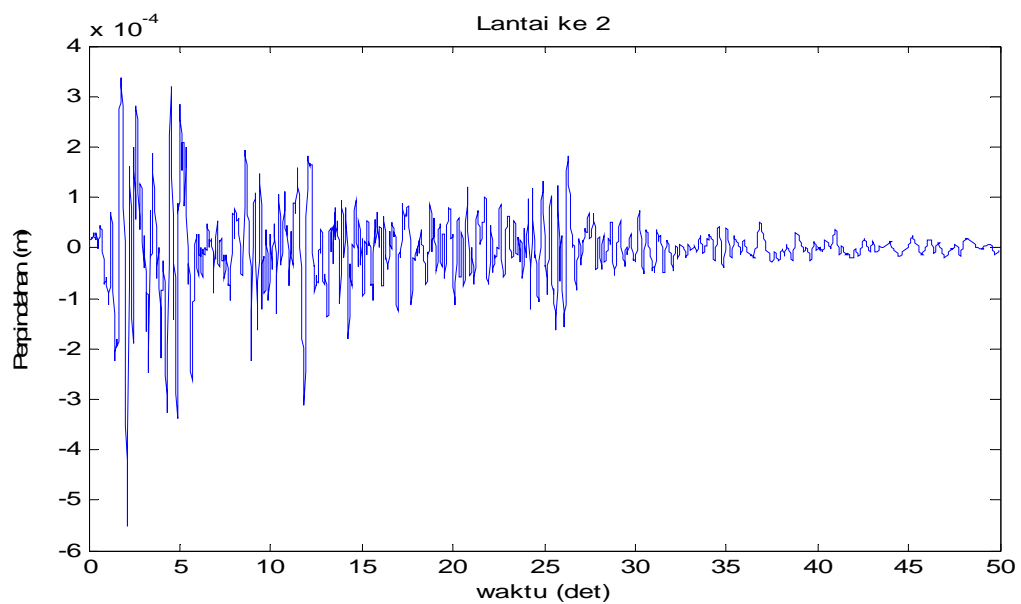


## **LAMPIRAN**

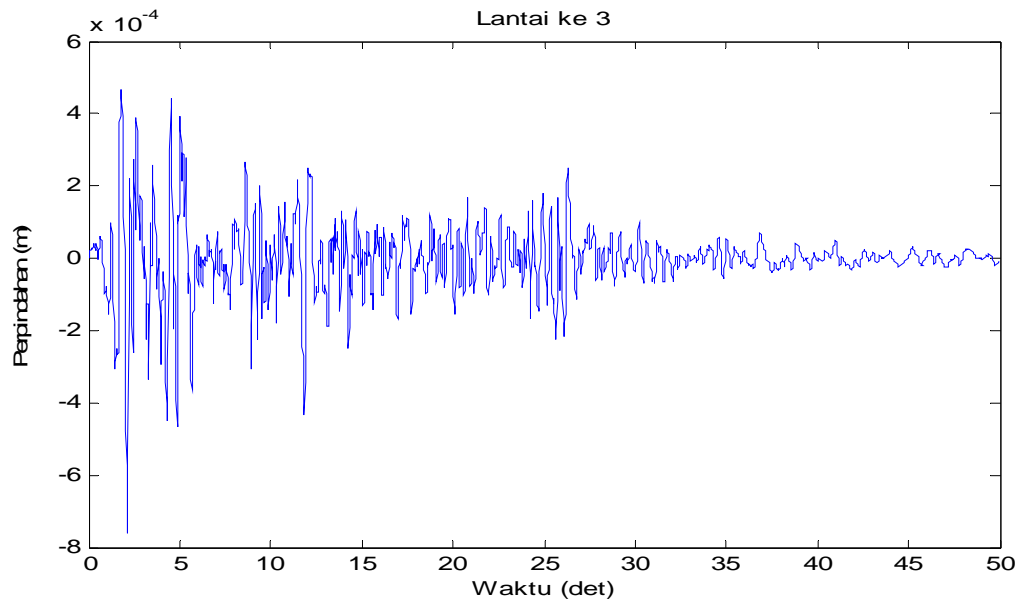
1. Respons dinamik akibat beban gempa El-centro untuk per lantai



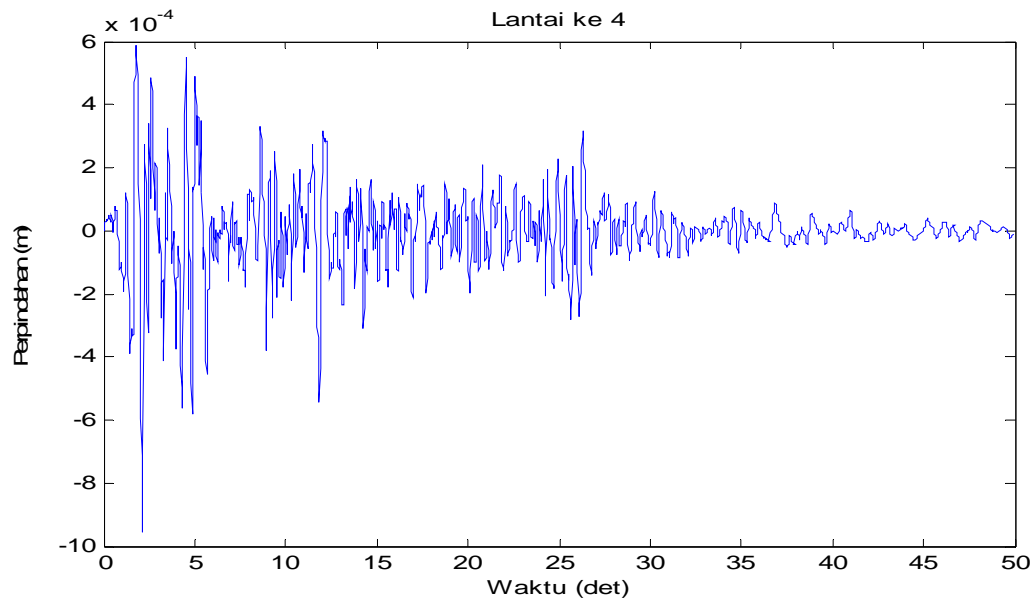
**Gambar 4.12** Perpindahan di lantai 1 akibat beban gempa El-Centro



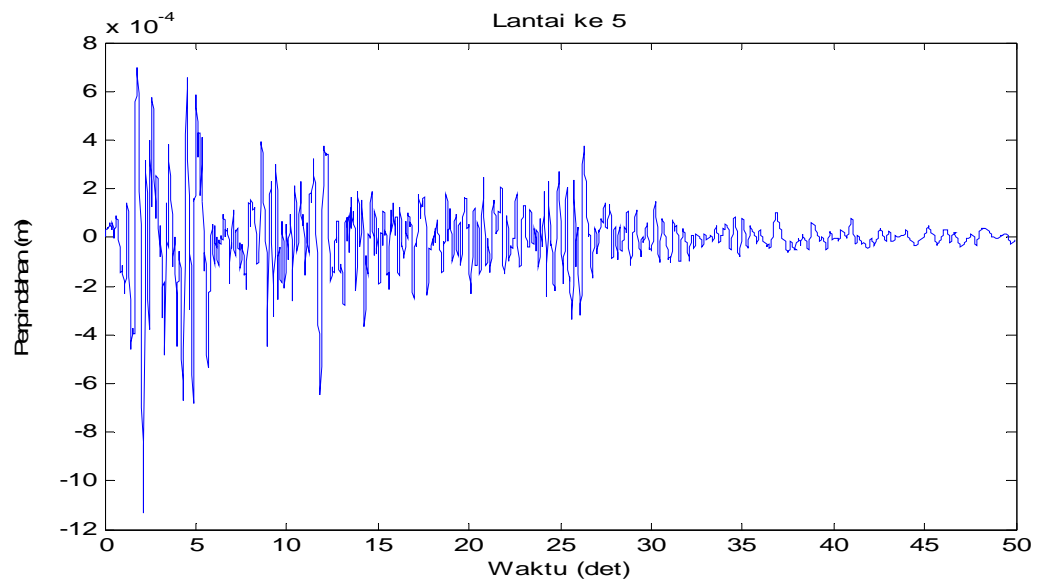
**Gambar 4.13** Perpindahan di lantai 2 akibat beban gempa El-Centro



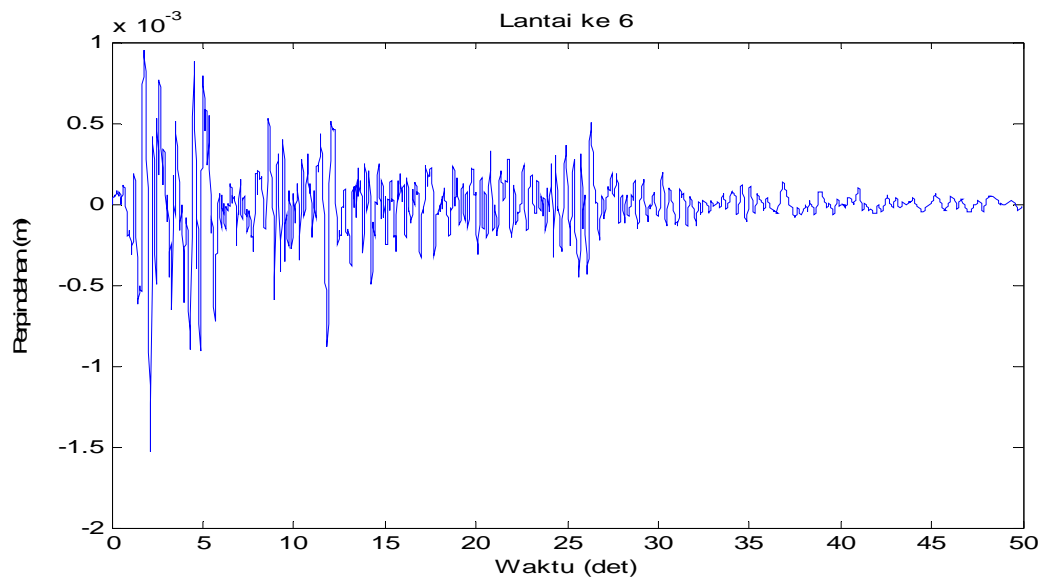
**Gambar 4.14** Perpindahan di lantai 3 akibat beban gempa El-Centro



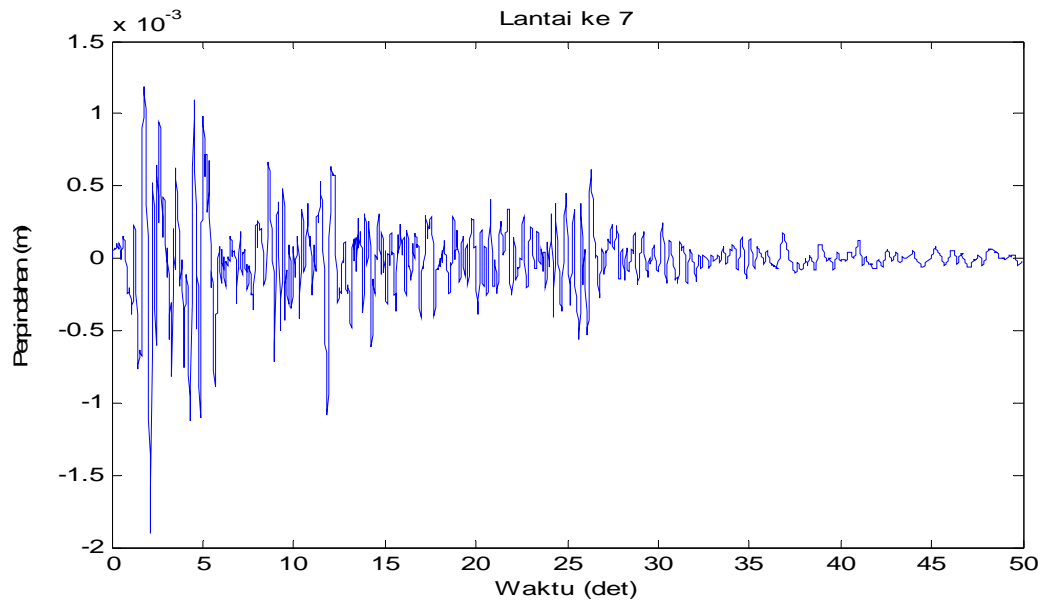
**Gambar 4.15** Perpindahan di lantai 4 akibat beban gempa El-Centro



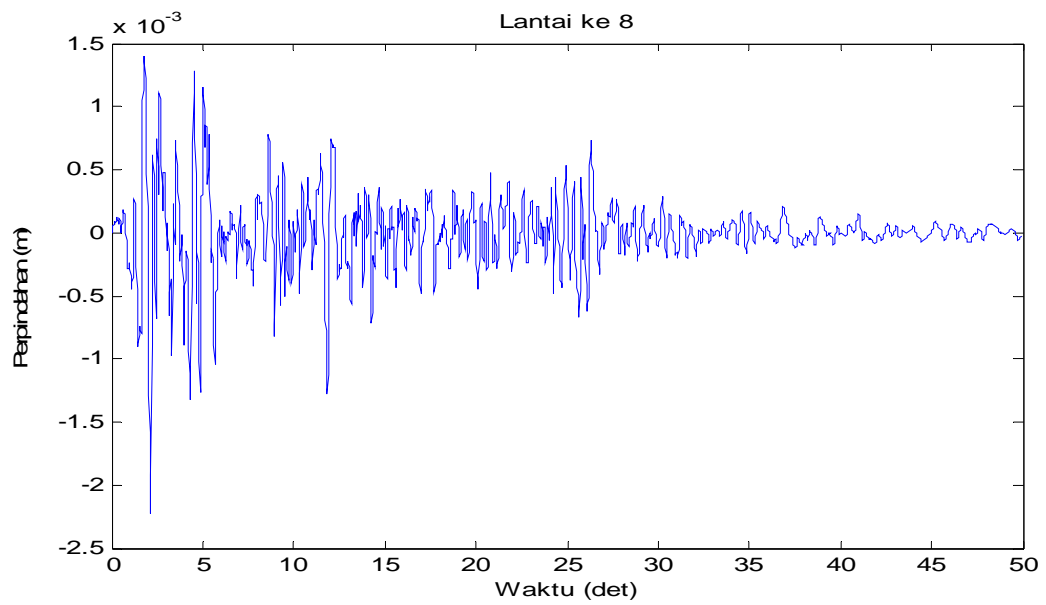
**Gambar 4.16** Perpindahan di lantai 5 akibat beban gempa El-Centro



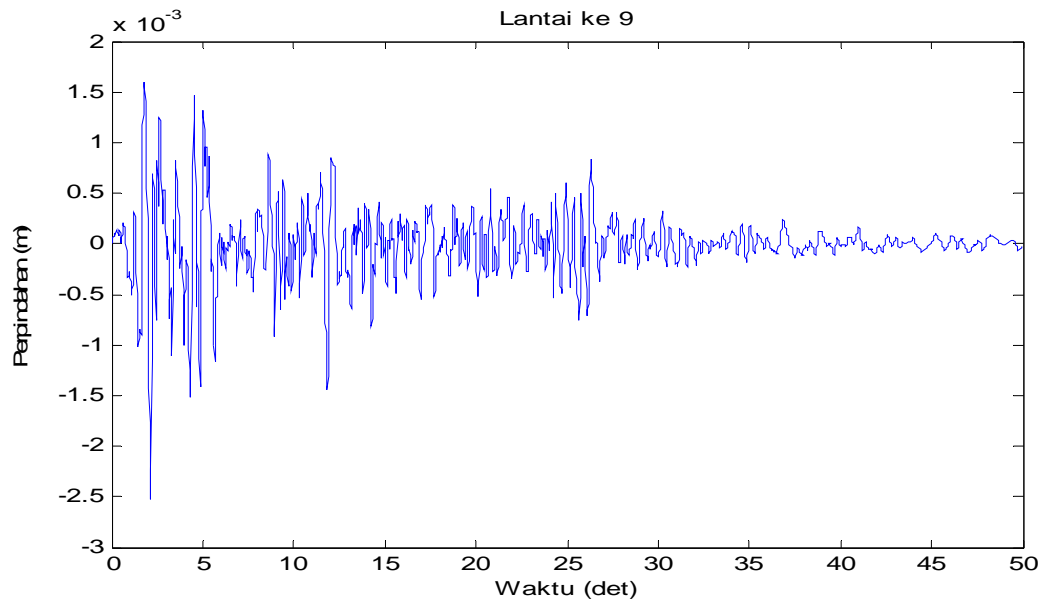
**Gambar 4.17** Perpindahan di lantai 6 akibat beban gempa El-Centro



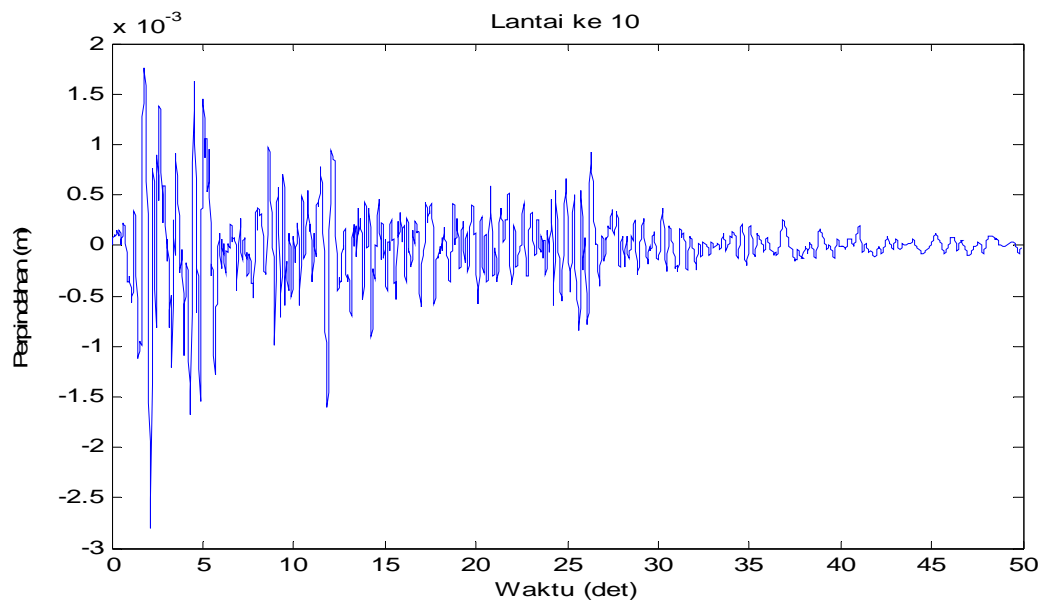
**Gambar 4.18** Perpindahan di lantai 7 akibat beban gempa El-Centro



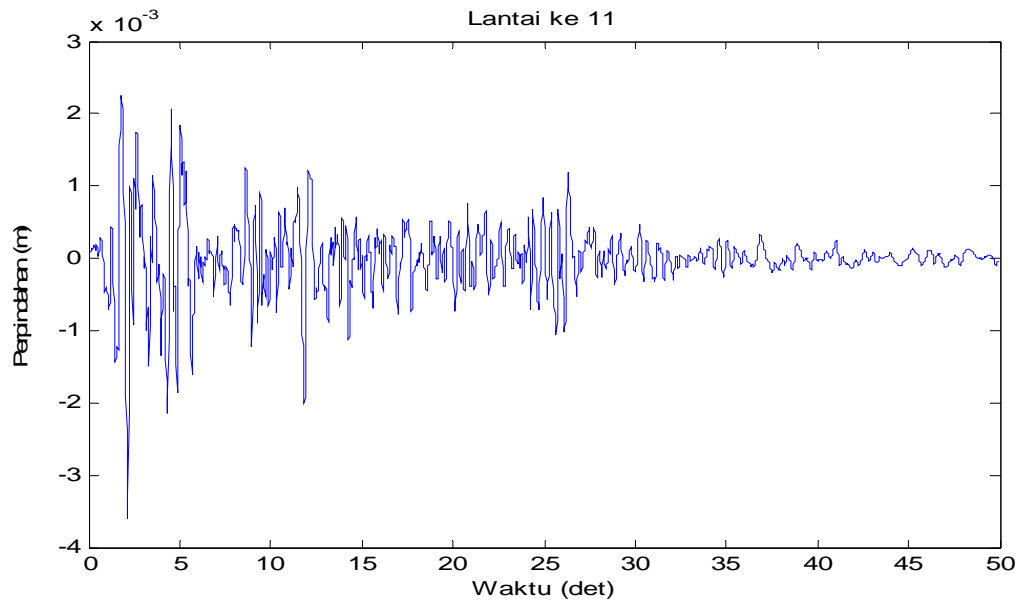
**Gambar 4.19** Perpindahan di lantai 8 akibat beban gempa El-Centro



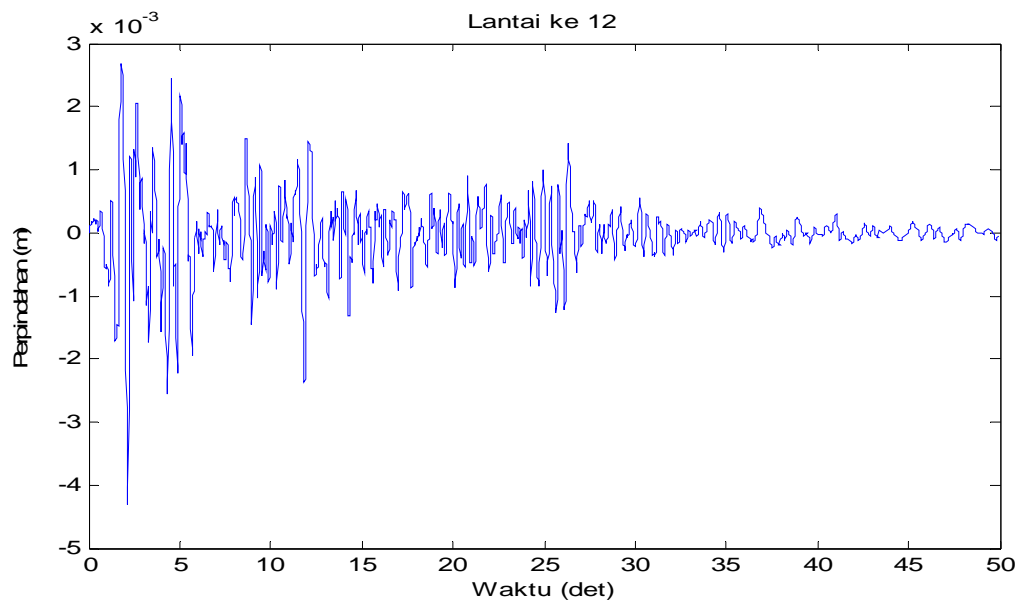
**Gambar 4.20** Perpindahan di lantai 9 akibat beban gempa El-Centro



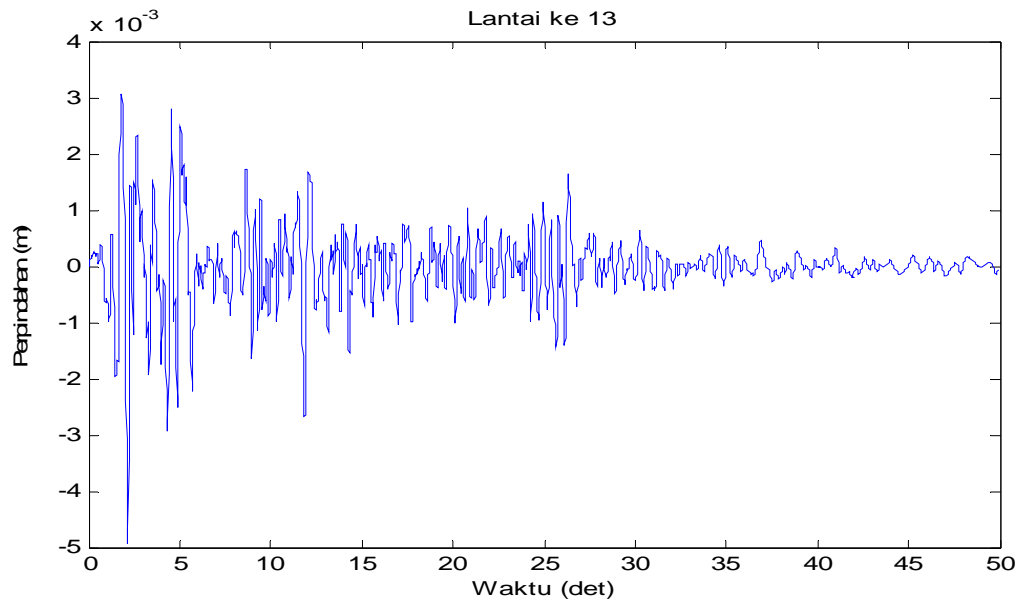
**Gambar 4.21** Perpindahan di lantai 10 akibat beban gempa El-Centro



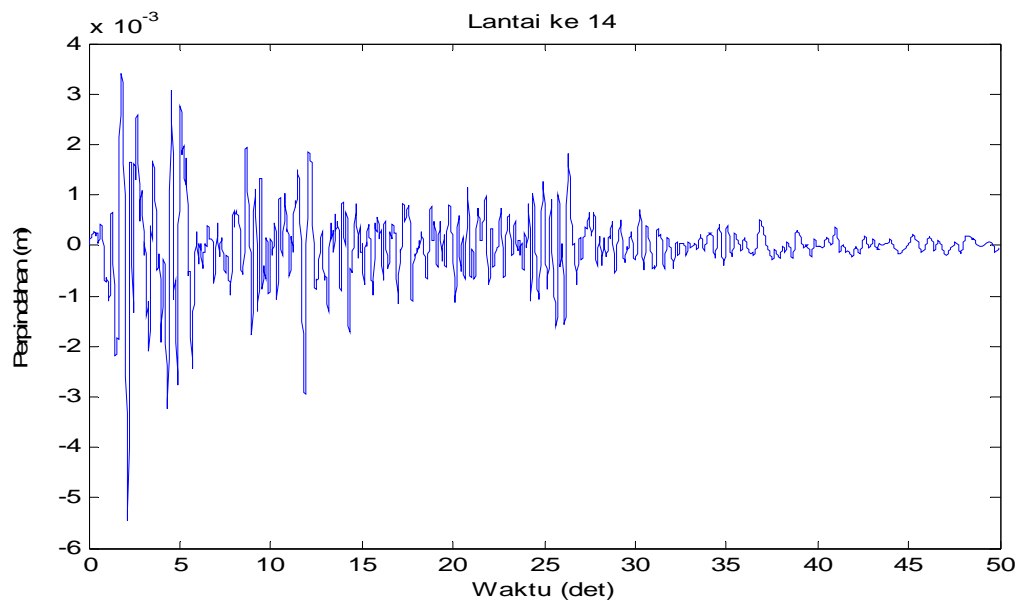
**Gambar 4.22** Perpindahan di lantai 11 akibat beban gempa El-Centro



**Gambar 4.23** Perpindahan di lantai 12 akibat beban gempa El-Centro

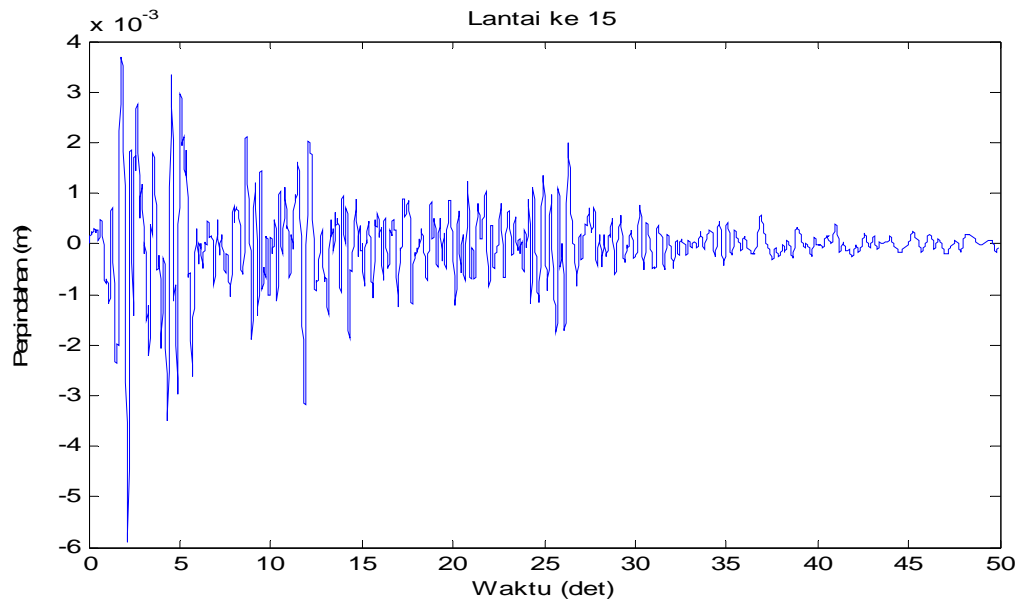


**Gambar 4.24** Perpindahan di lantai 13 akibat beban gempa El-Centro

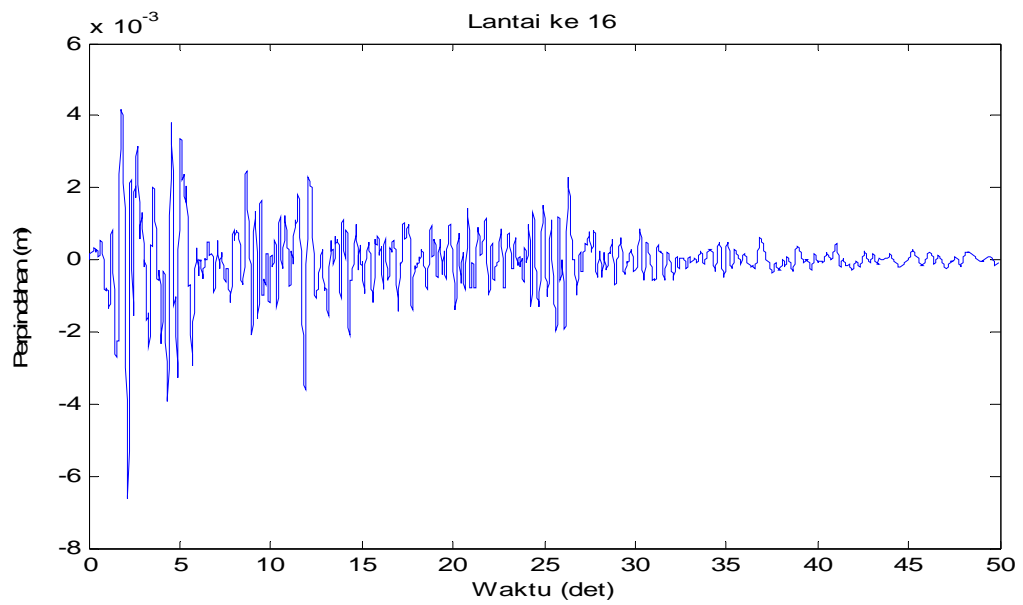


**Gambar 4.25** Perpindahan di lantai 14 akibat beban gempa El-Centro

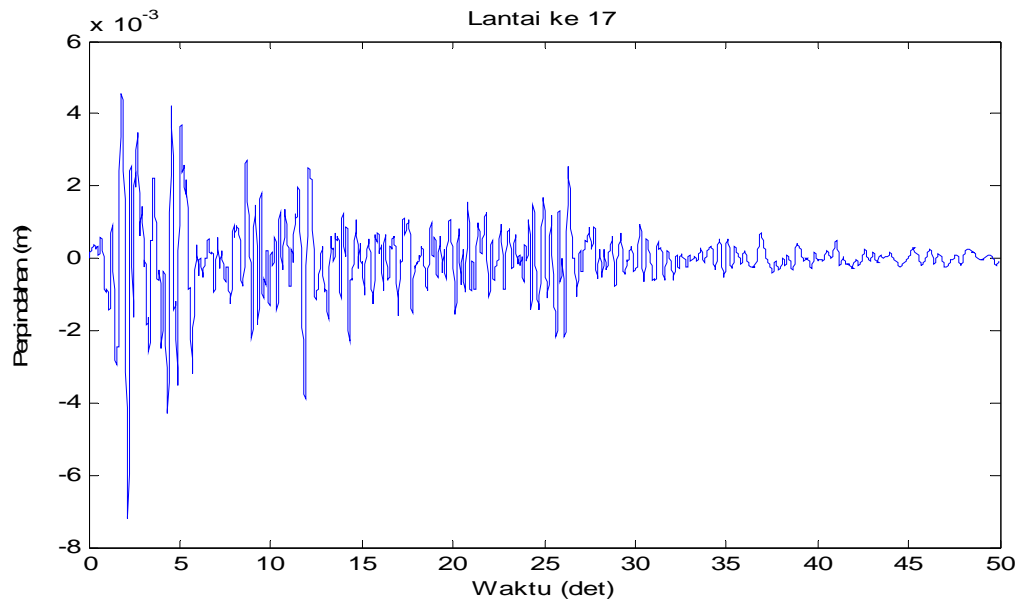




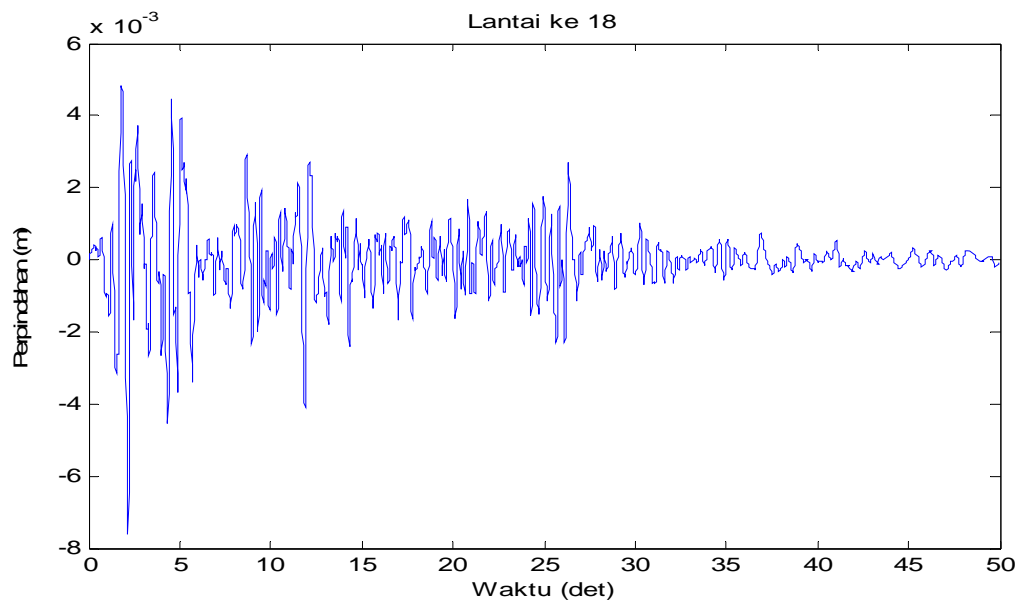
**Gambar 4.26** Perpindahan di lantai 15 akibat beban gempa El-Centro



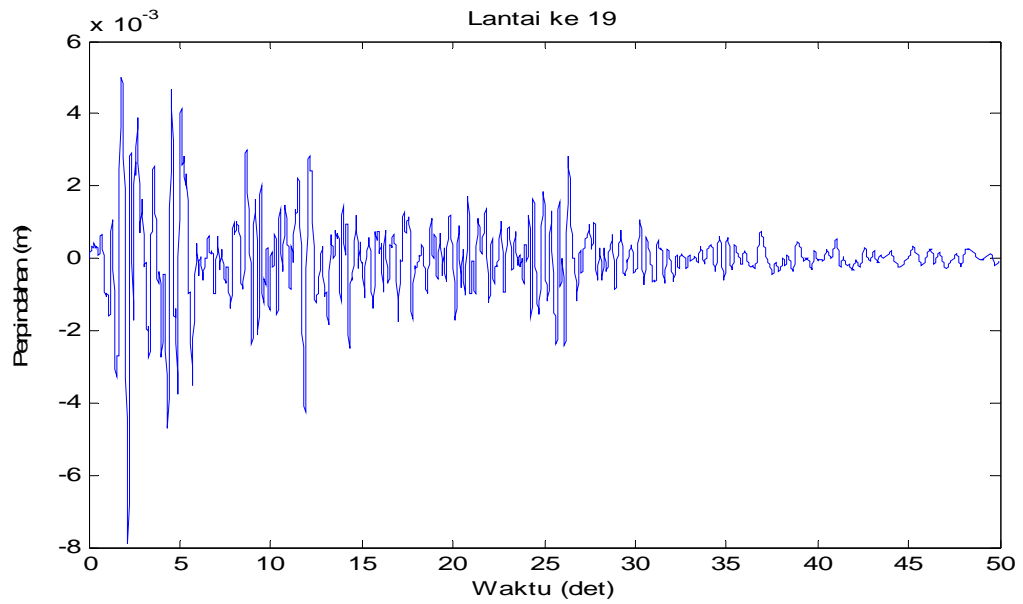
**Gambar 4.27** Perpindahan di lantai 16 akibat beban gempa El-Centro



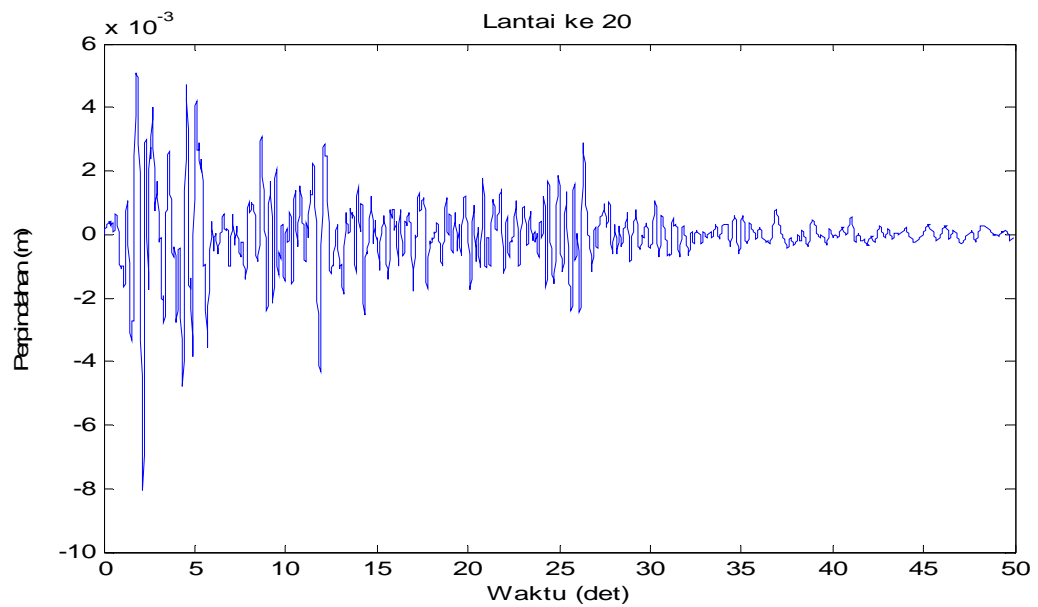
**Gambar 4.28** Perpindahan di lantai 17 akibat beban gempa El-Centro



**Gambar 4.29** Perpindahan di lantai 18 akibat beban gempa El-Centro

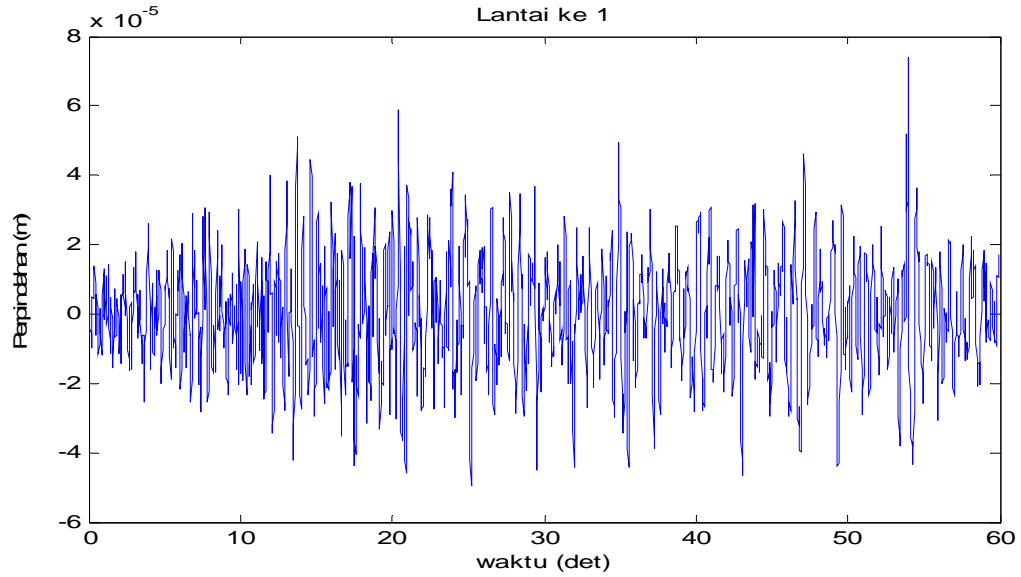


**Gambar 4.30** Perpindahan di lantai 19 akibat beban gempa El-Centro

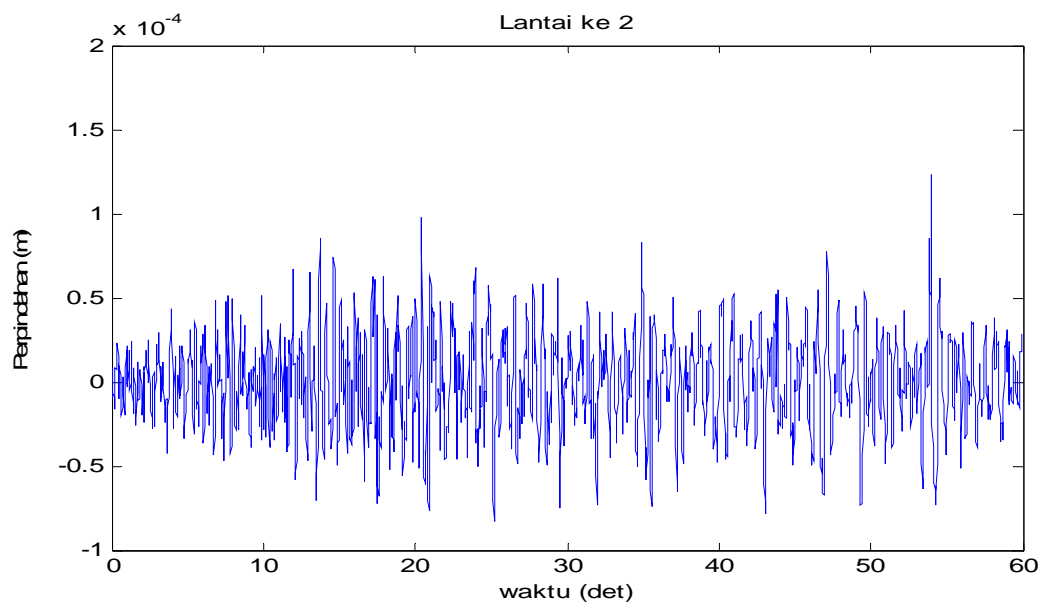


**Gambar 4.31** Perpindahan di lantai 20 akibat beban gempa El-Centro

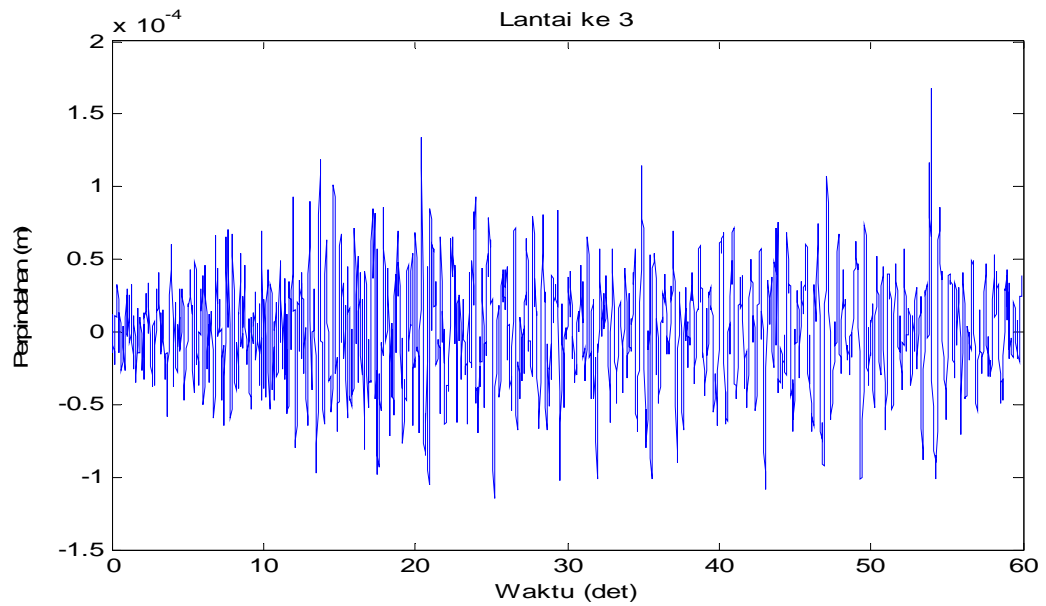
2. Respons dinamik akibat beban gempa Flores untuk perlantai



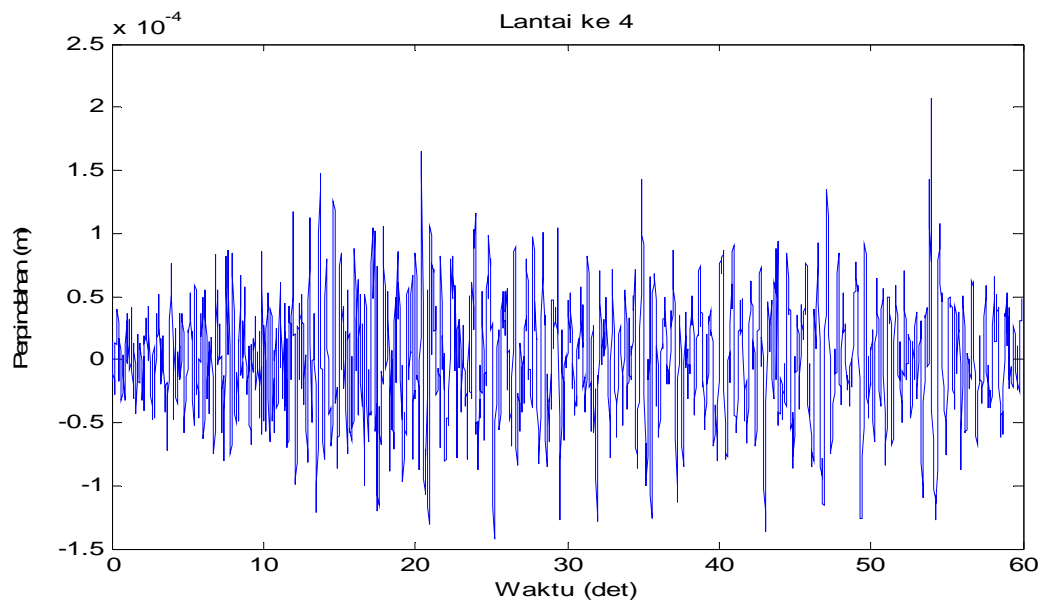
**Gambar 4.32** Perpindahan di lantai 1 akibat beban gempa Flores



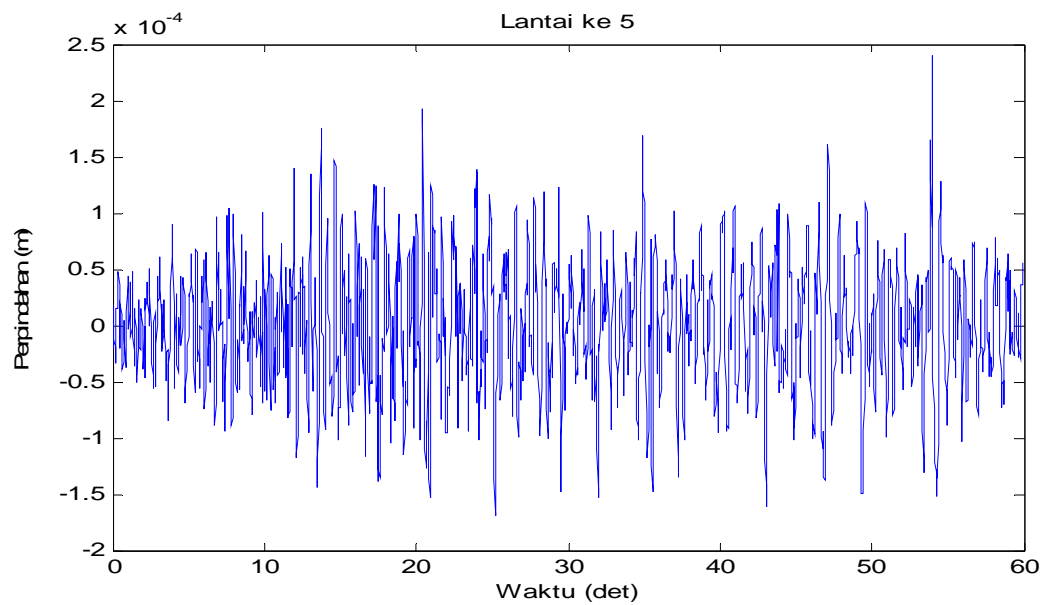
**Gambar 4.33** Perpindahan di lantai 2 akibat beban gempa Flores



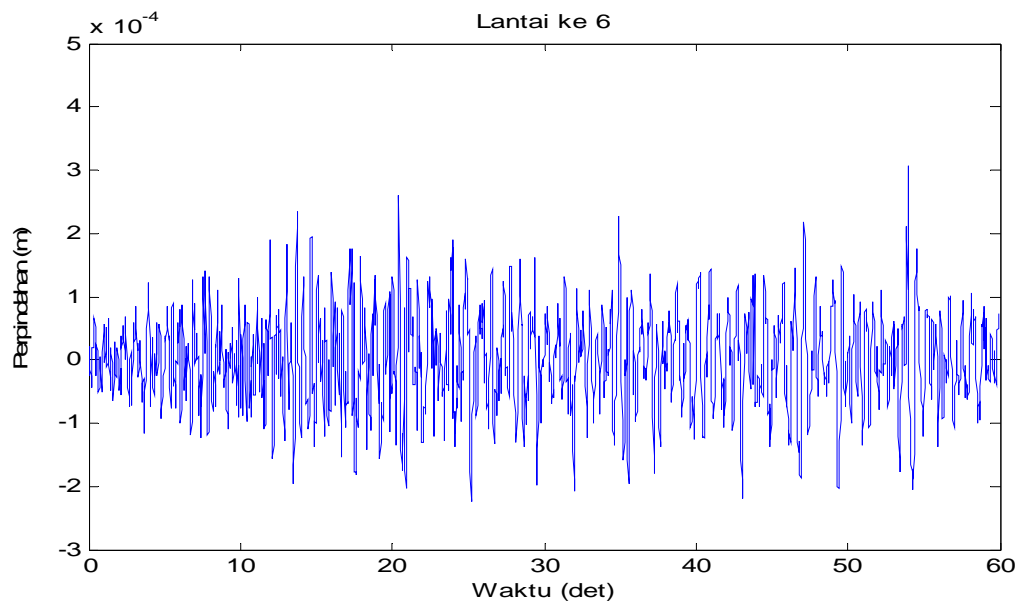
**Gambar 4.34** Perpindahan di lantai 3 akibat beban gempa Flores



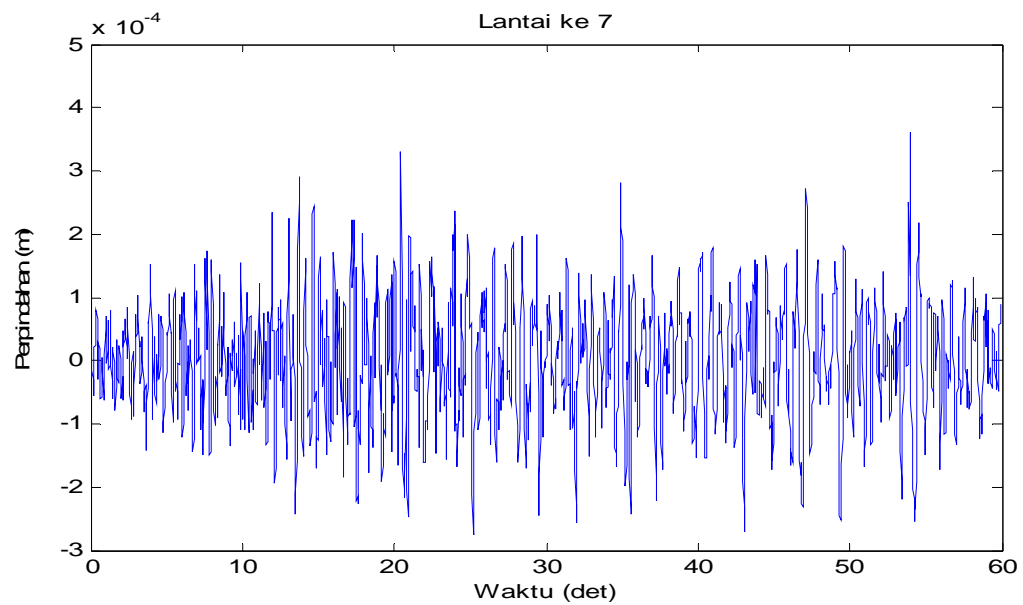
**Gambar 4.35** Perpindahan di lantai 4 akibat beban gempa Flores



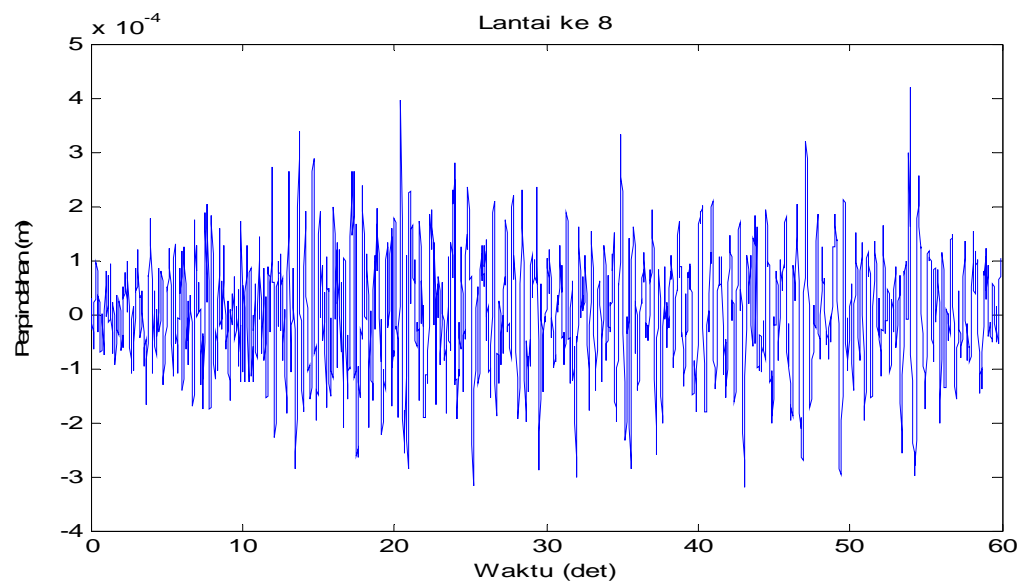
**Gambar 4.36** Perpindahan di lantai 5 akibat beban gempa Flores



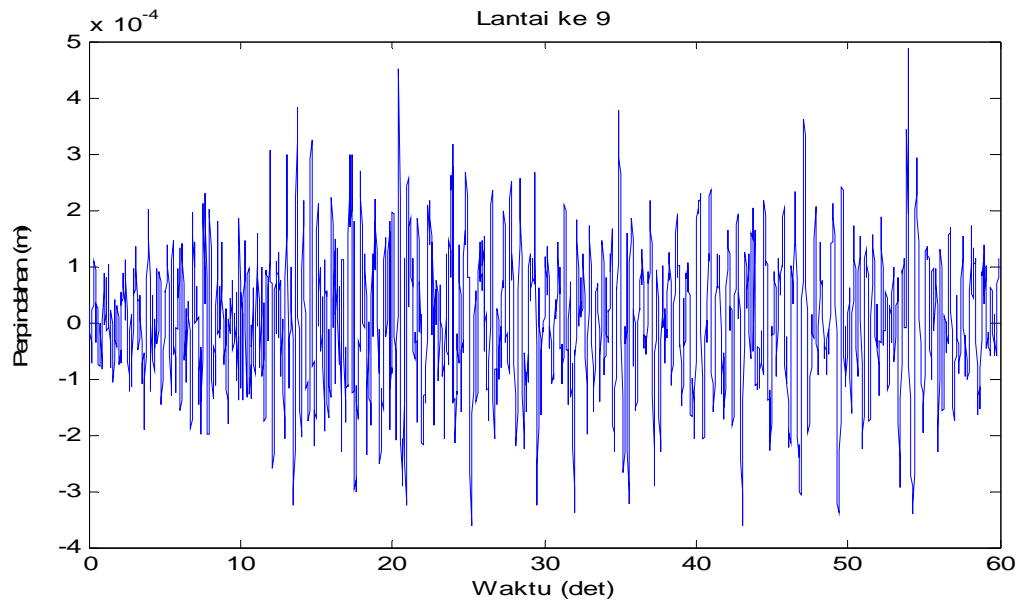
**Gambar 4.37** Perpindahan di lantai 6 akibat beban gempa Flores



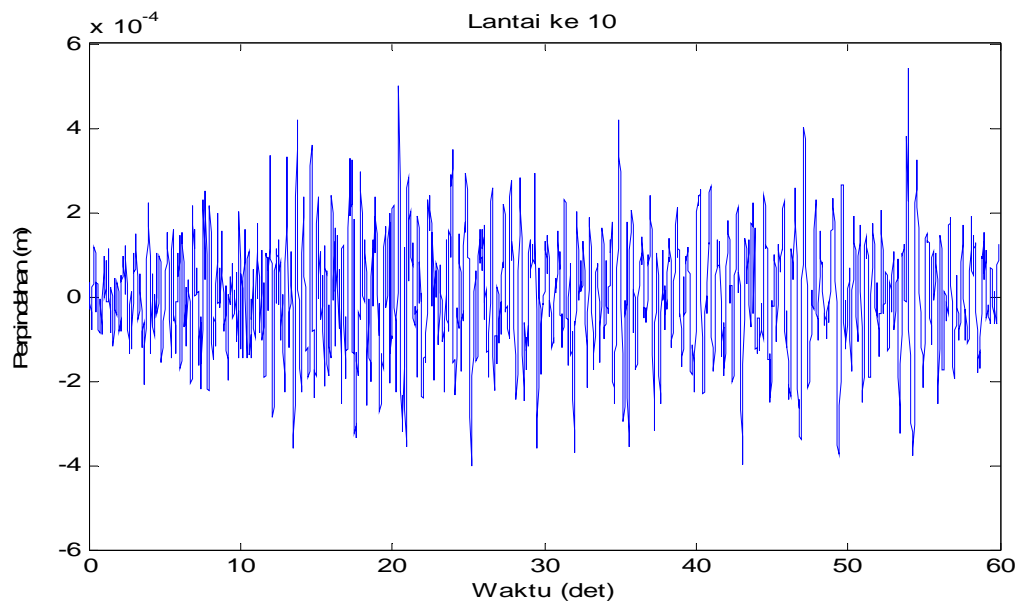
**Gambar 4.38** Perpindahan di lantai 7 akibat beban gempa Flores



**Gambar 4.39** Perpindahan di lantai 8 akibat beban gempa Flores

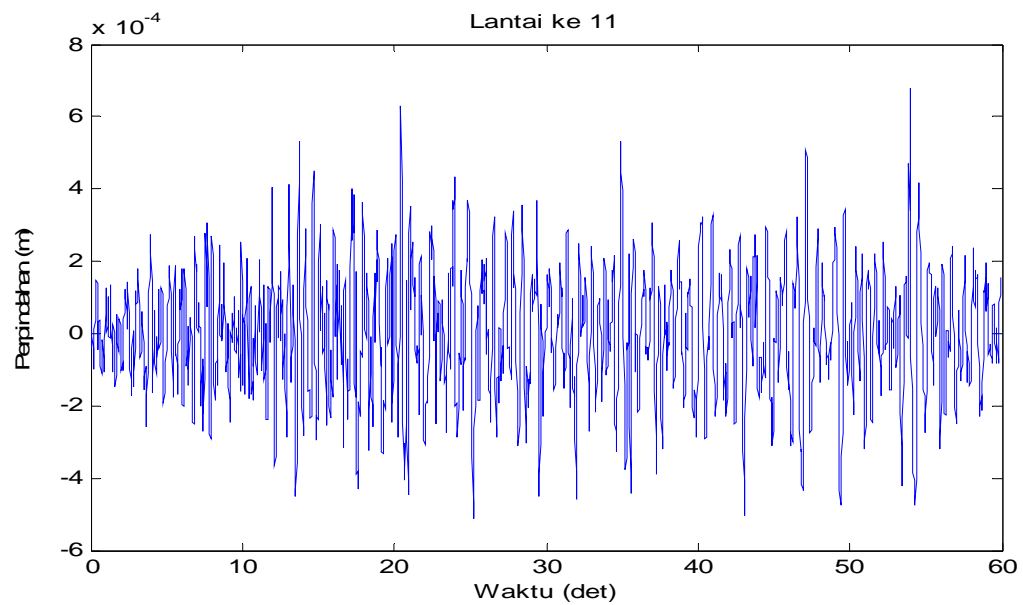


**Gambar 4.40** Perpindahan di lantai 9 akibat beban gempa Flores

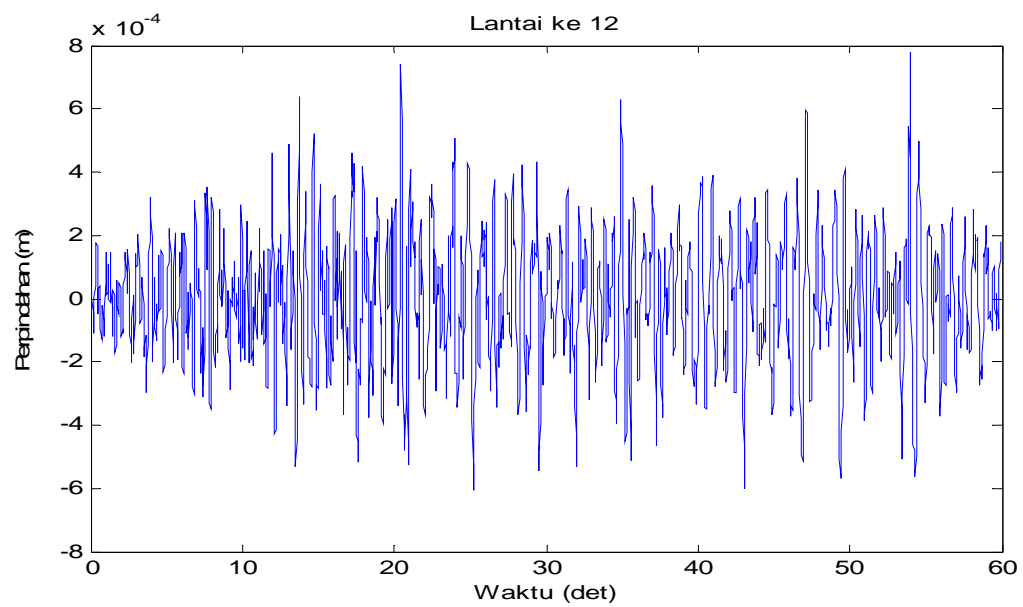


**Gambar 4.41** Perpindahan di lantai 10 akibat beban gempa Flores

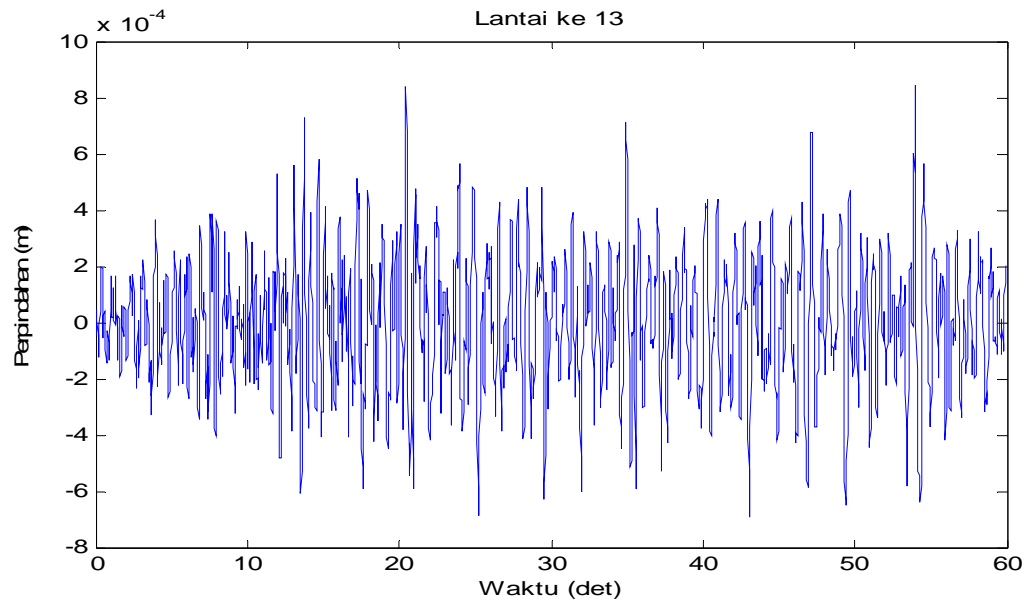




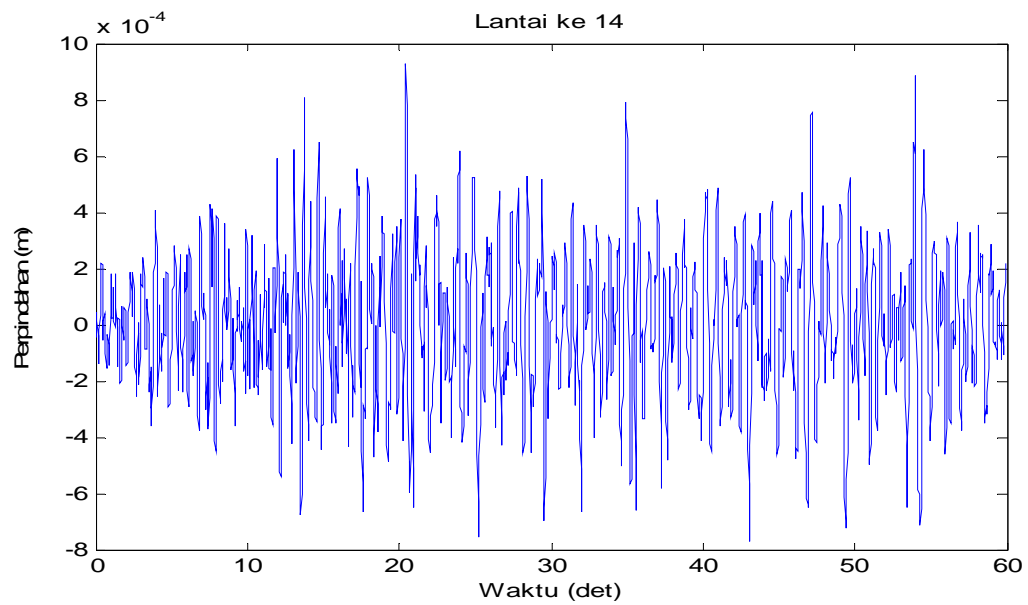
**Gambar 4.42** Perpindahan di lantai 11 akibat beban gempa Flores



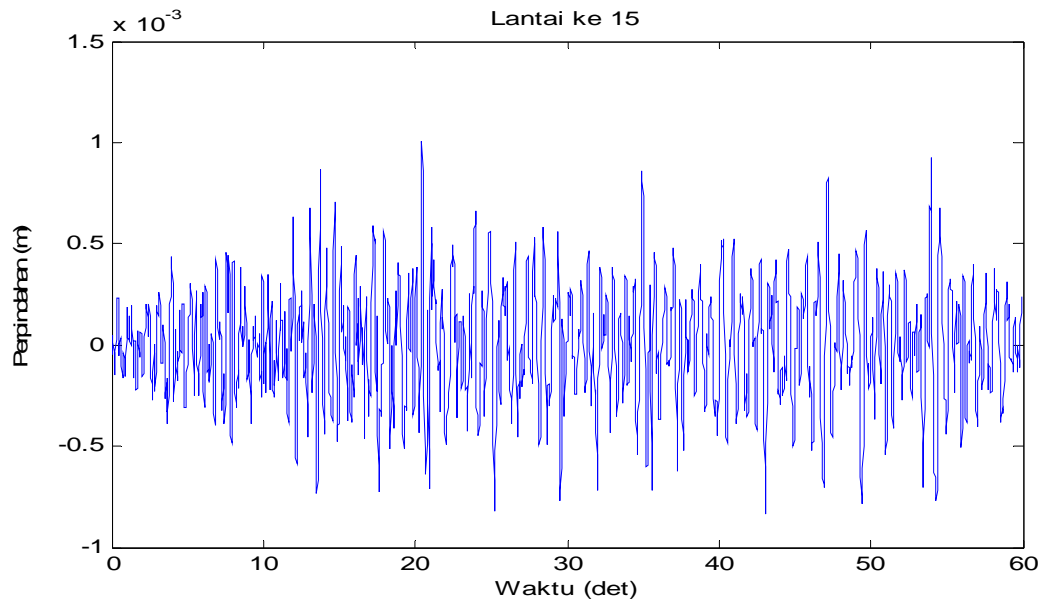
**Gambar 4.43** Perpindahan di lantai 12 akibat beban gempa Flores



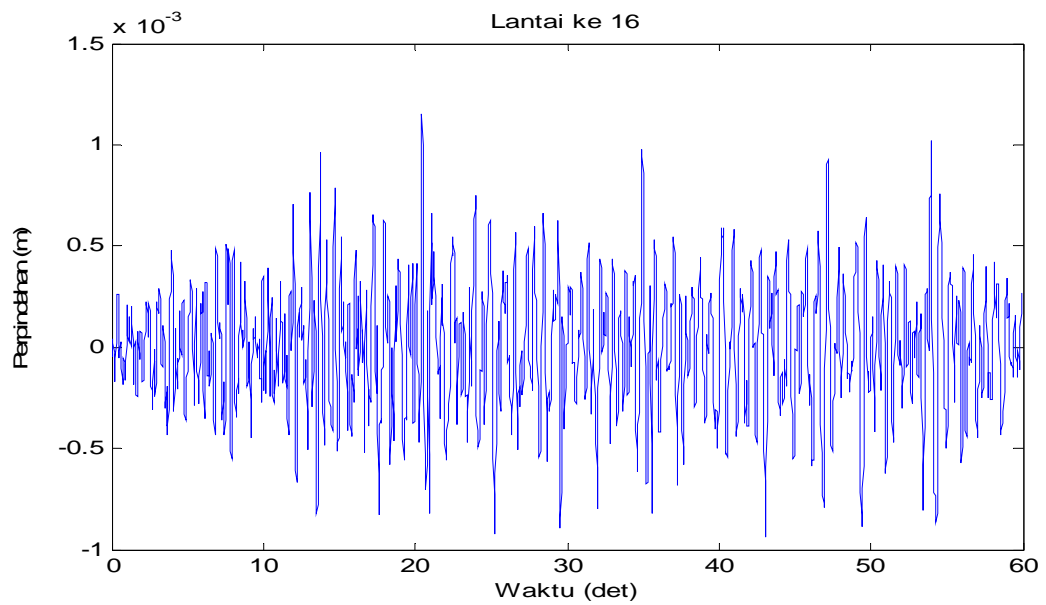
**Gambar 4.44** Perpindahan di lantai 13 akibat beban gempa Flores



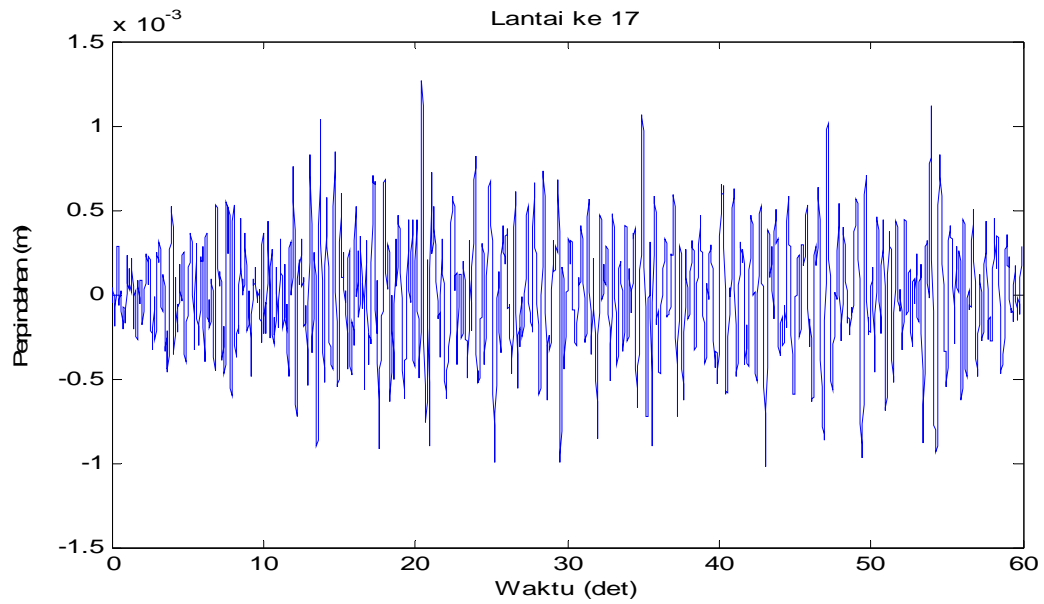
**Gambar 4.45** Perpindahan di lantai 14 akibat beban gempa Flores



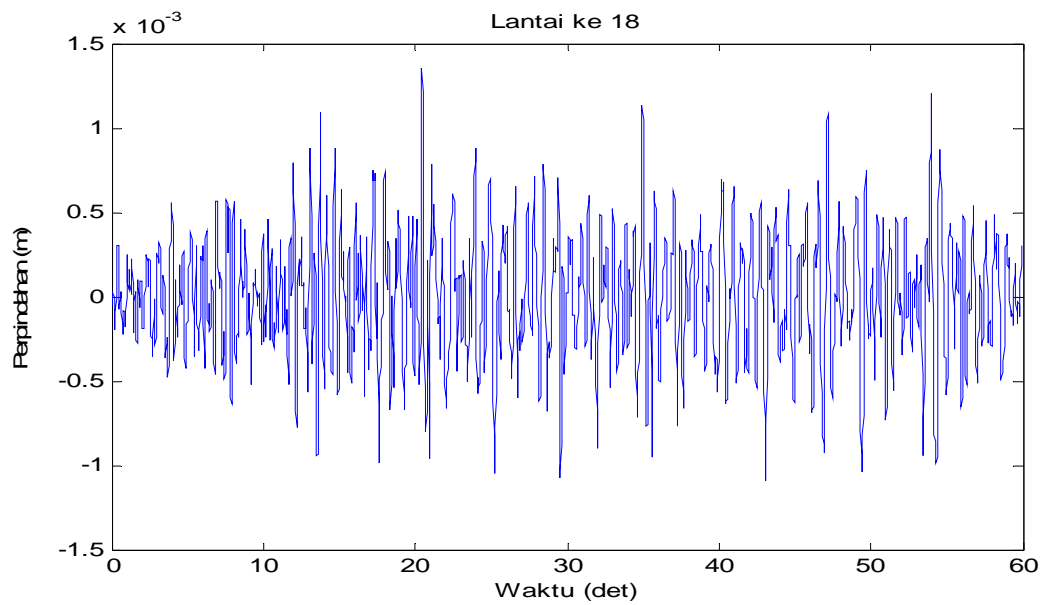
**Gambar 4.46** Perpindahan di lantai 15 akibat beban gempa Flores



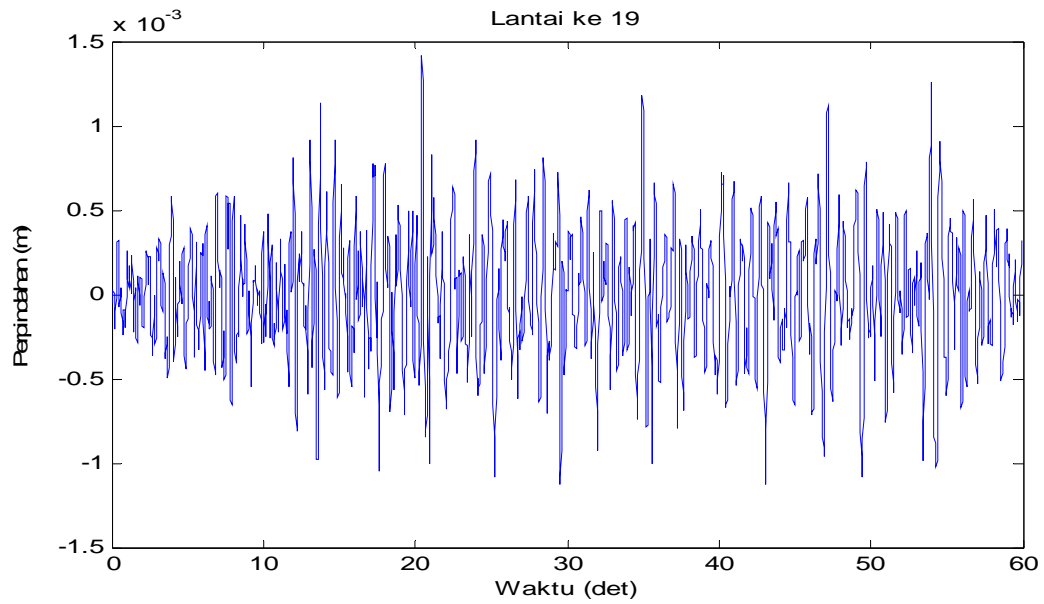
**Gambar 4.47** Perpindahan di lantai 16 akibat beban gempa Flores



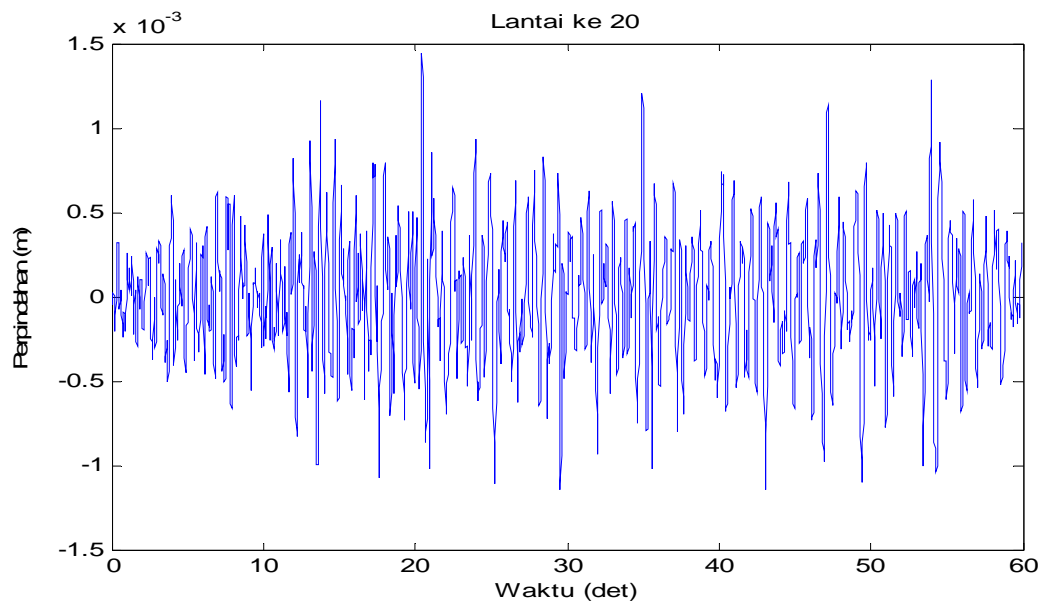
**Gambar 4.48** Perpindahan di lantai 17 akibat beban gempa Flores



**Gambar 4.49** Perpindahan di lantai 18 akibat beban gempa Flores

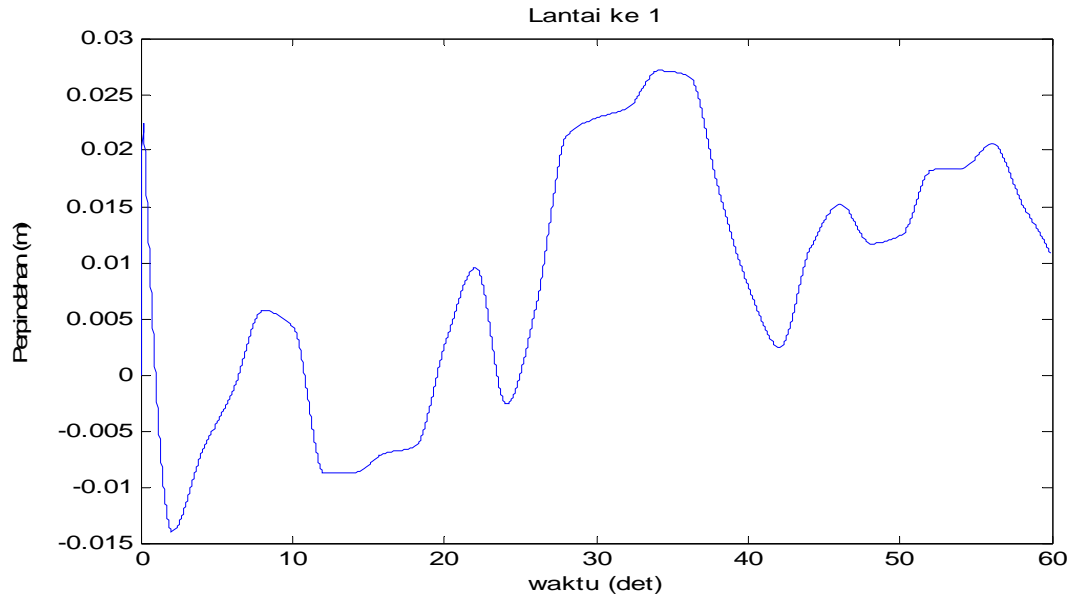


**Gambar 4.50** Perpindahan di lantai 19 akibat beban gempa Flores

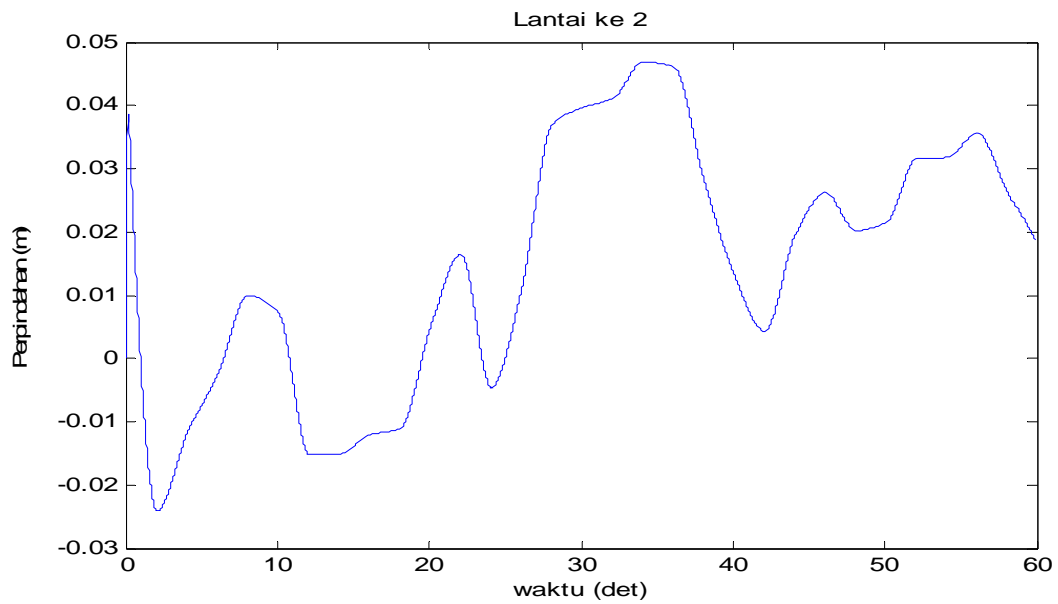


**Gambar 4.51** Perpindahan di lantai 20 akibat beban gempa Flores

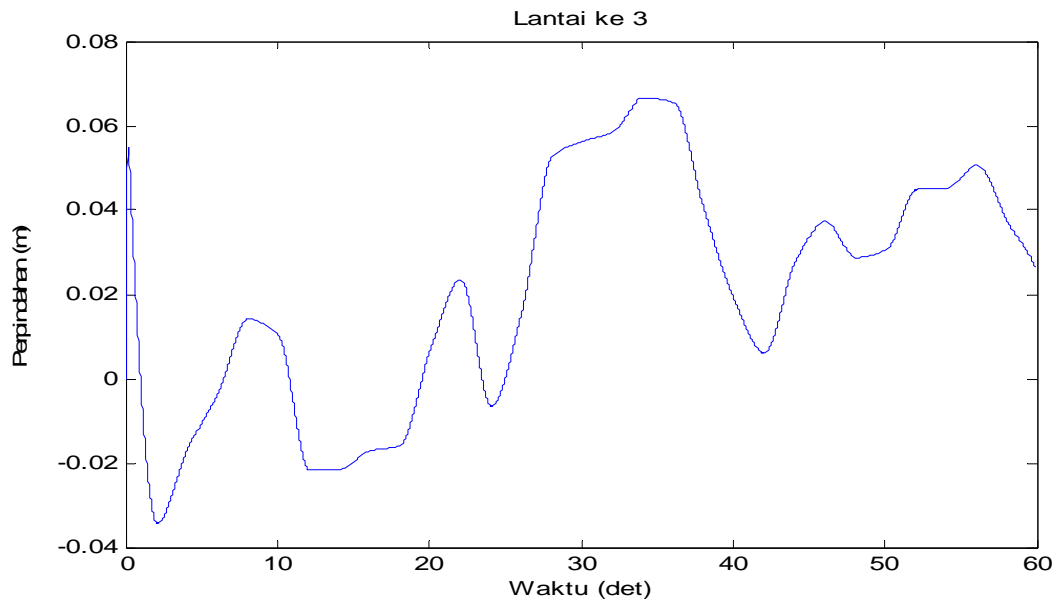
3. Respons dinamik akibat beban Angin untuk perantai



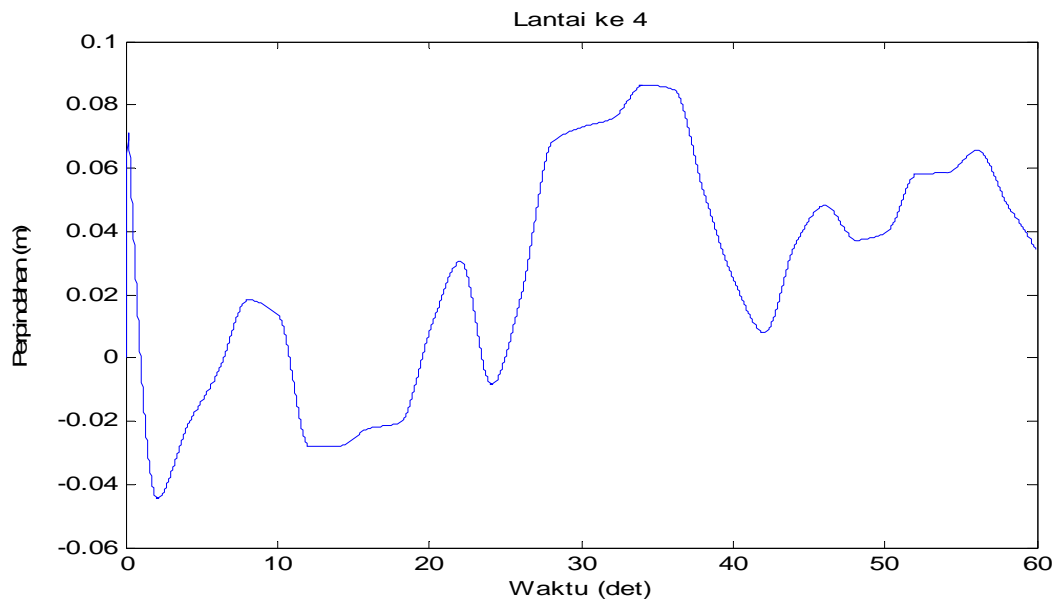
**Gambar 4.52** Perpindahan di lantai 1 akibat beban Angin



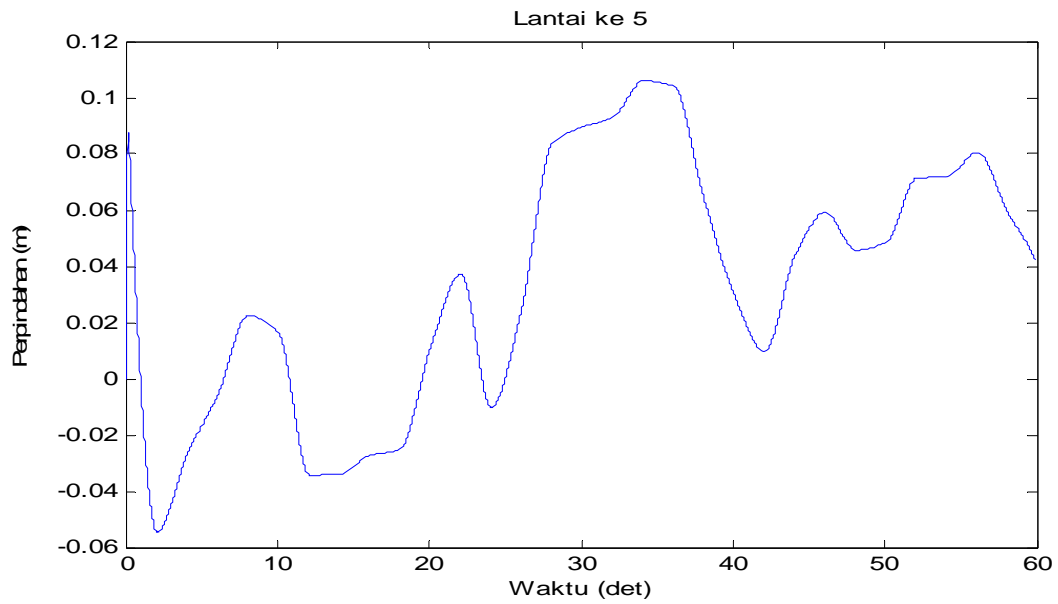
**Gambar 4.53** Perpindahan di lantai 2 akibat beban Angin



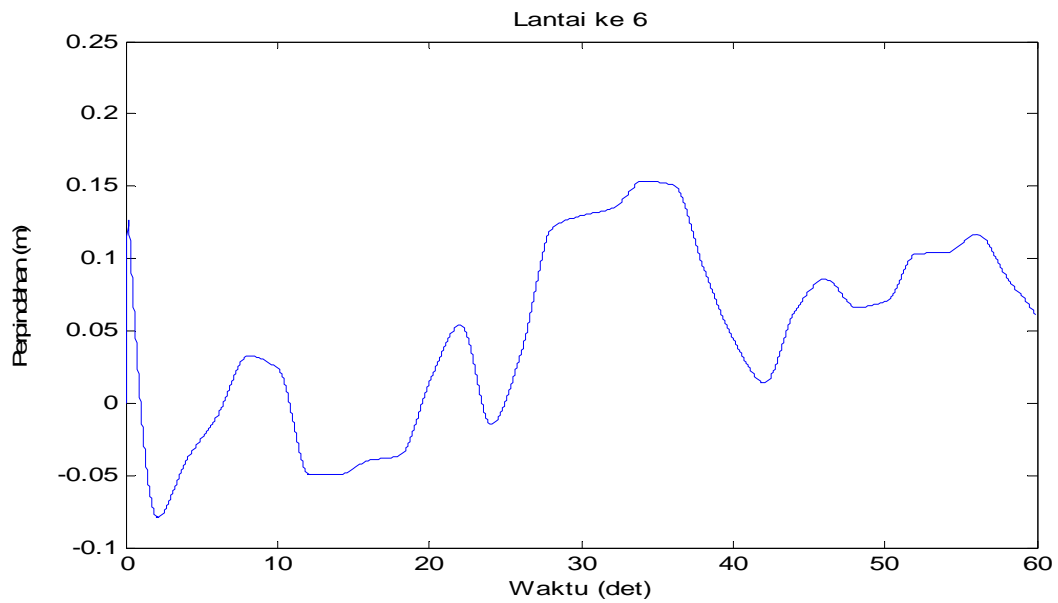
**Gambar 4.54** Perpindahan di lantai 3 akibat beban Angin



**Gambar 4.55** Perpindahan di lantai 4 akibat beban Angin

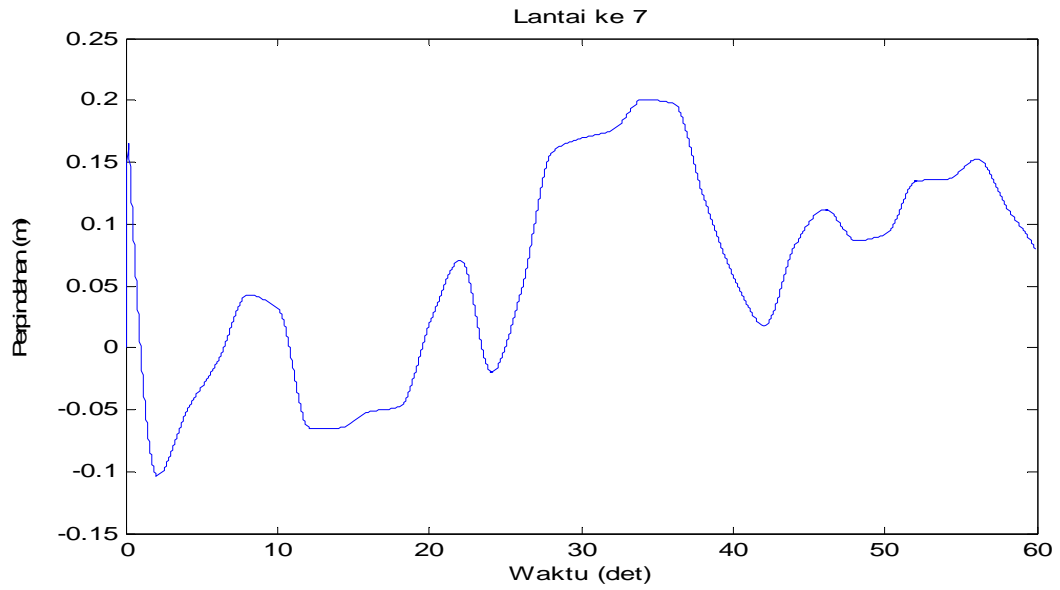


**Gambar 4.56** Perpindahan di lantai 5 akibat beban Angin

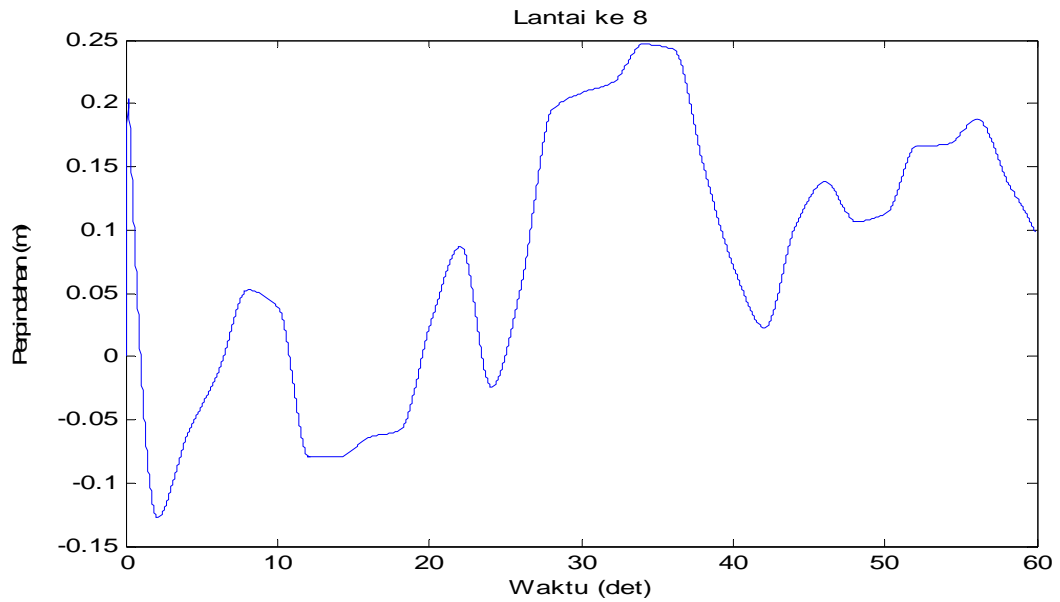


**Gambar 4.57** Perpindahan di lantai 6 akibat beban Angin

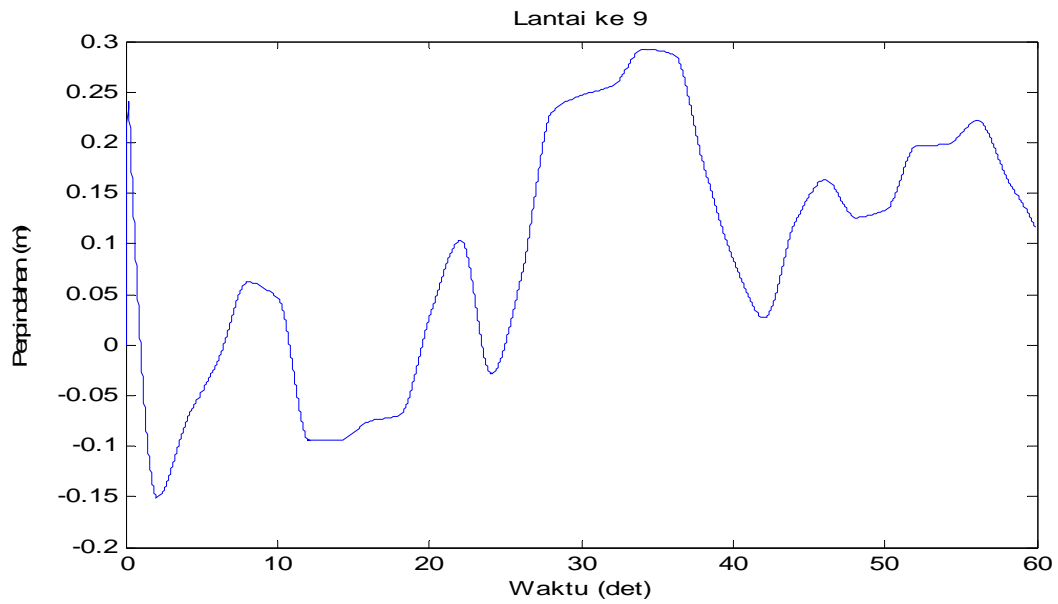




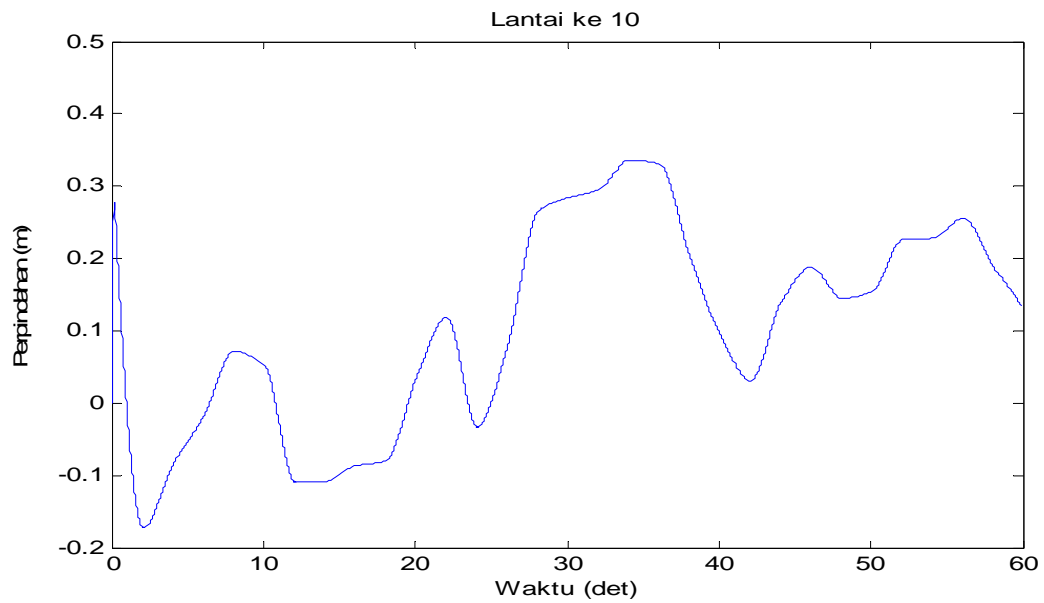
**Gambar 4.58** Perpindahan di lantai 7 akibat beban Angin



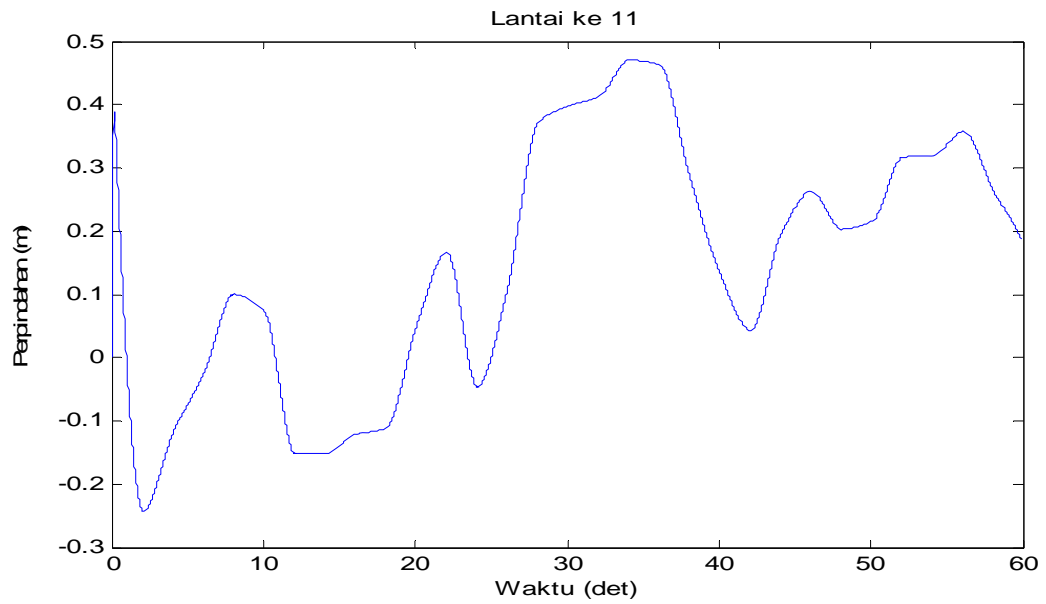
**Gambar 4.59** Perpindahan di lantai 8 akibat beban Angin



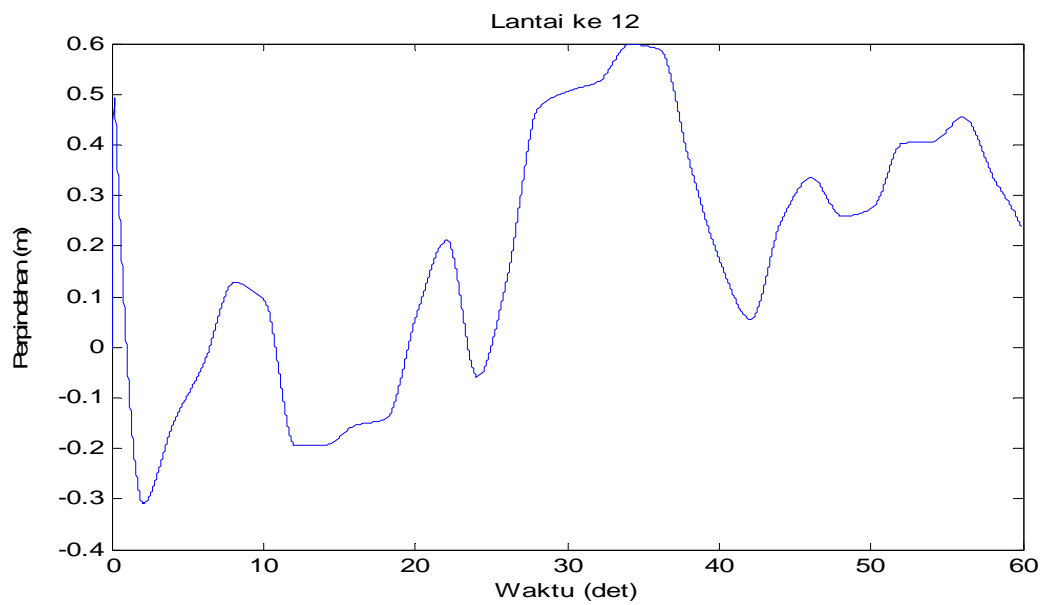
**Gambar 4.60** Perpindahan di lantai 9 akibat beban Angin



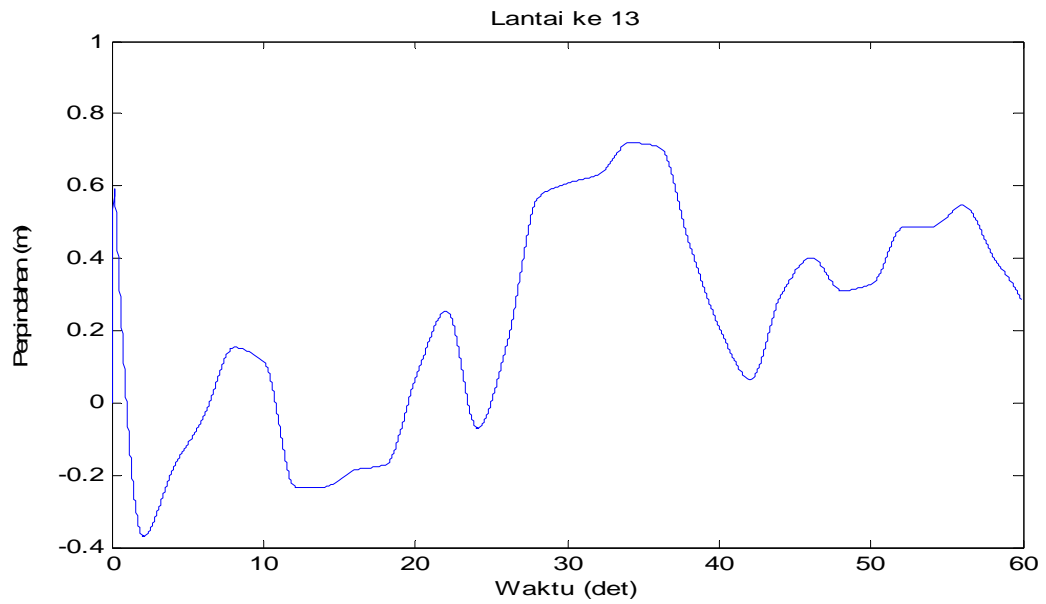
**Gambar 4.61** Perpindahan di lantai 10 akibat beban Angin



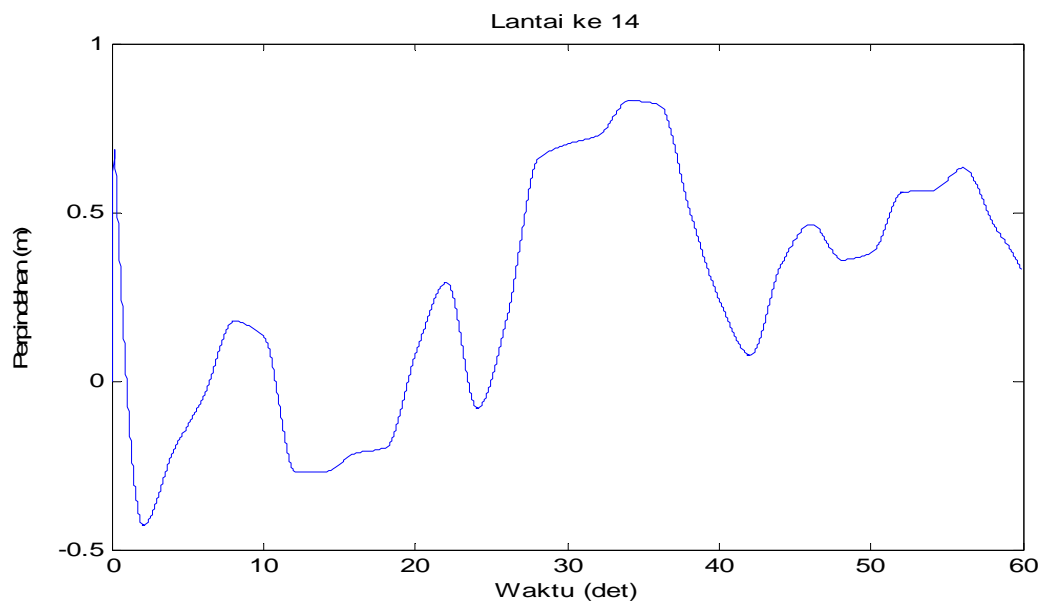
**Gambar 4.62** Perpindahan di lantai 11 akibat beban Angin



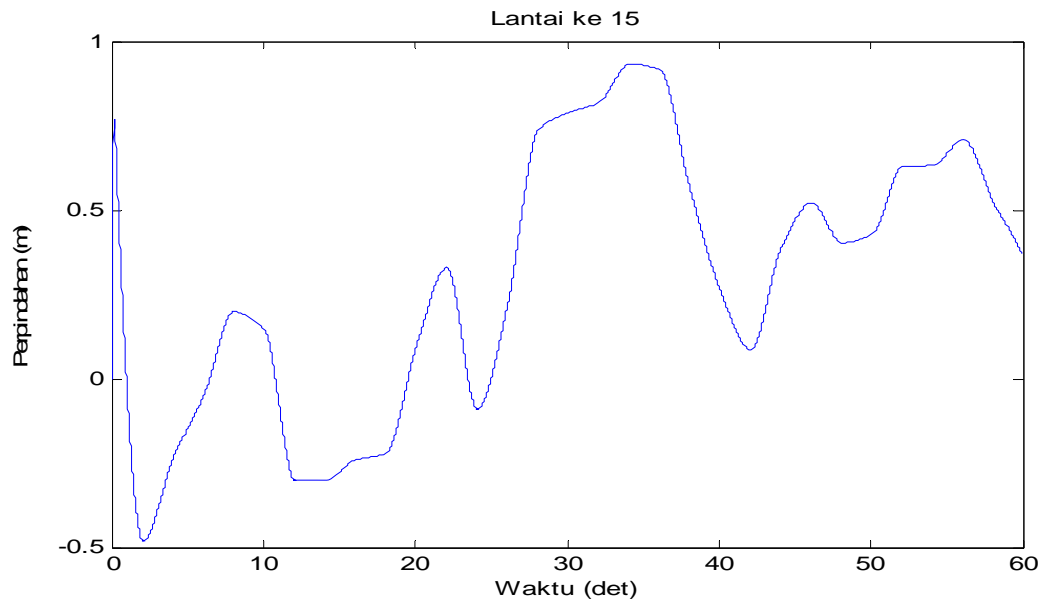
**Gambar 4.63** Perpindahan di lantai 12 akibat beban Angin



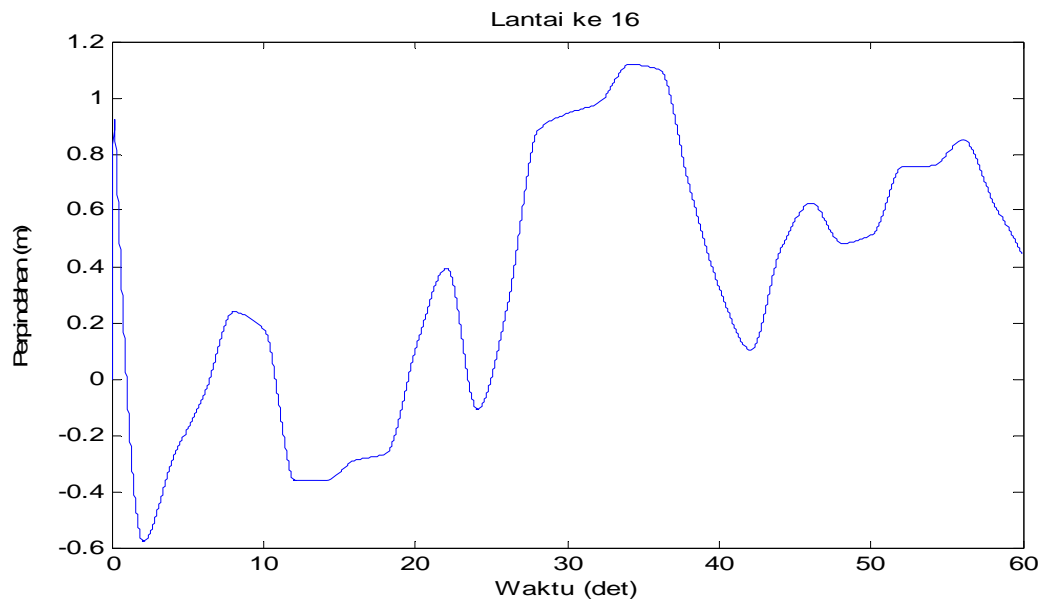
**Gambar 4.64** Perpindahan di lantai 13 akibat beban Angin



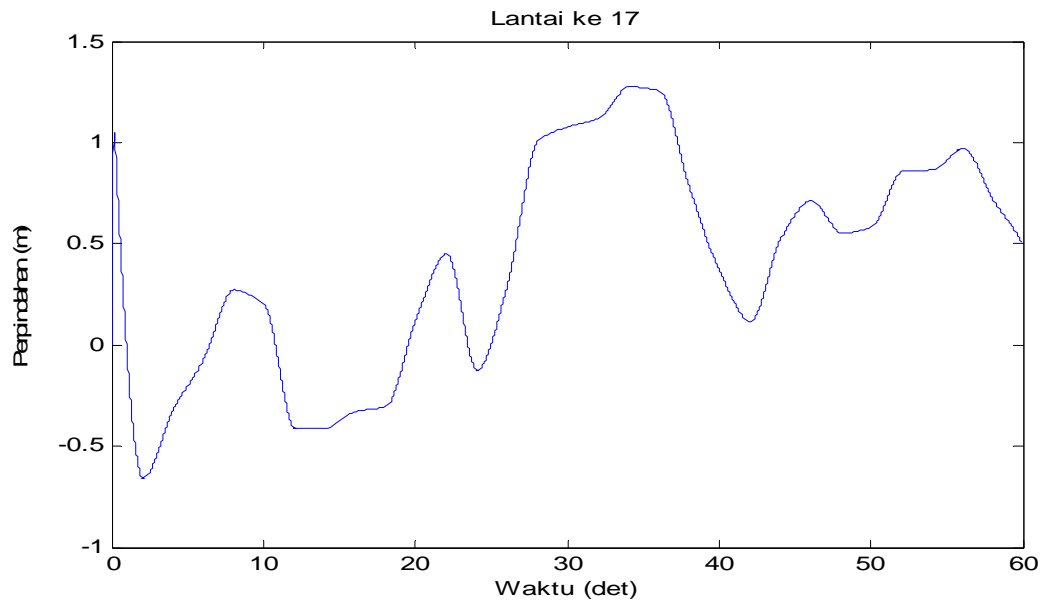
**Gambar 4.65** Perpindahan di lantai 14 akibat beban Angin



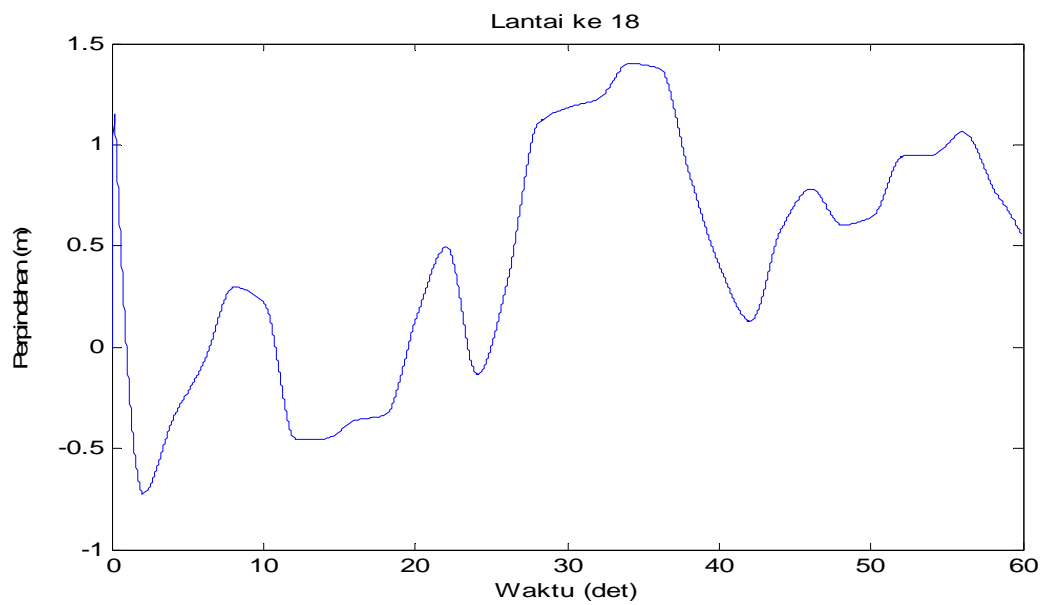
**Gambar 4.66** Perpindahan di lantai 15 akibat beban Angin



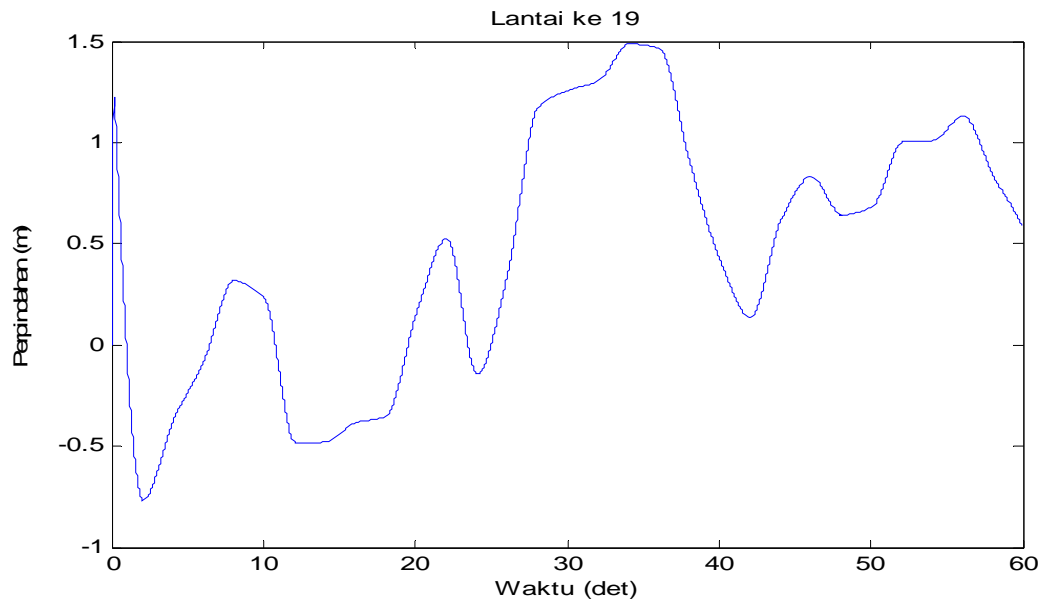
**Gambar 4.67** Perpindahan di lantai 16 akibat beban Angin



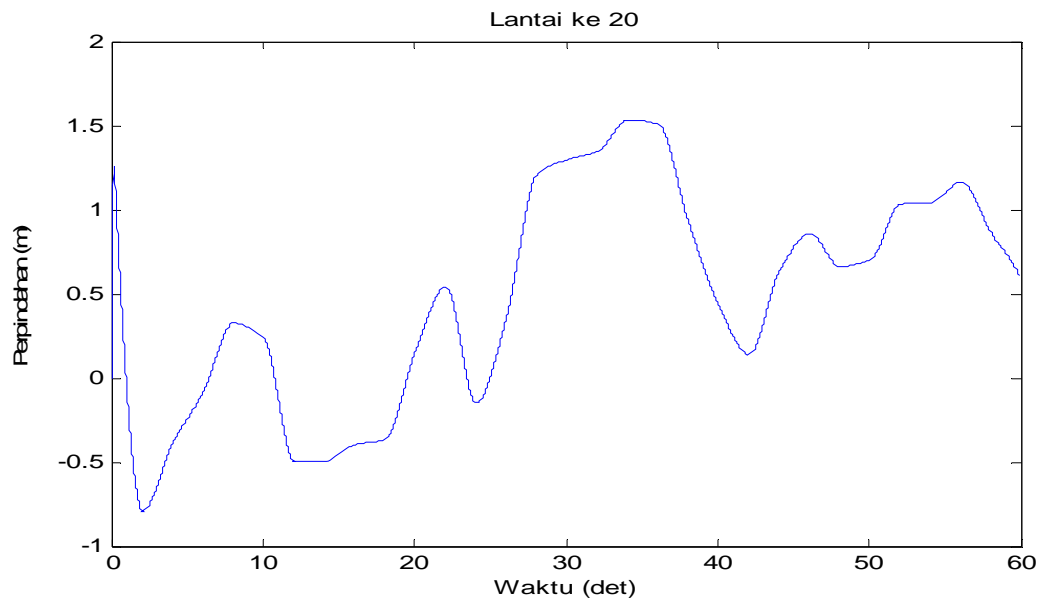
**Gambar 4.68** Perpindahan di lantai 17 akibat beban Angin



**Gambar 4.69** Perpindahan di lantai 18 akibat beban Angin

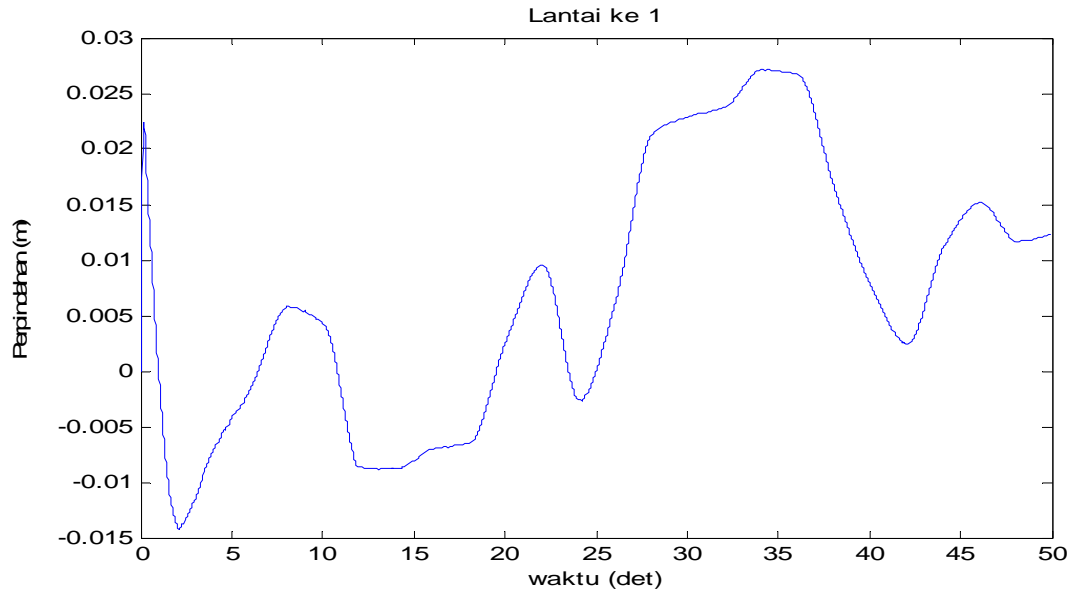


**Gambar 4.70** Perpindahan di lantai 19 akibat beban Angin

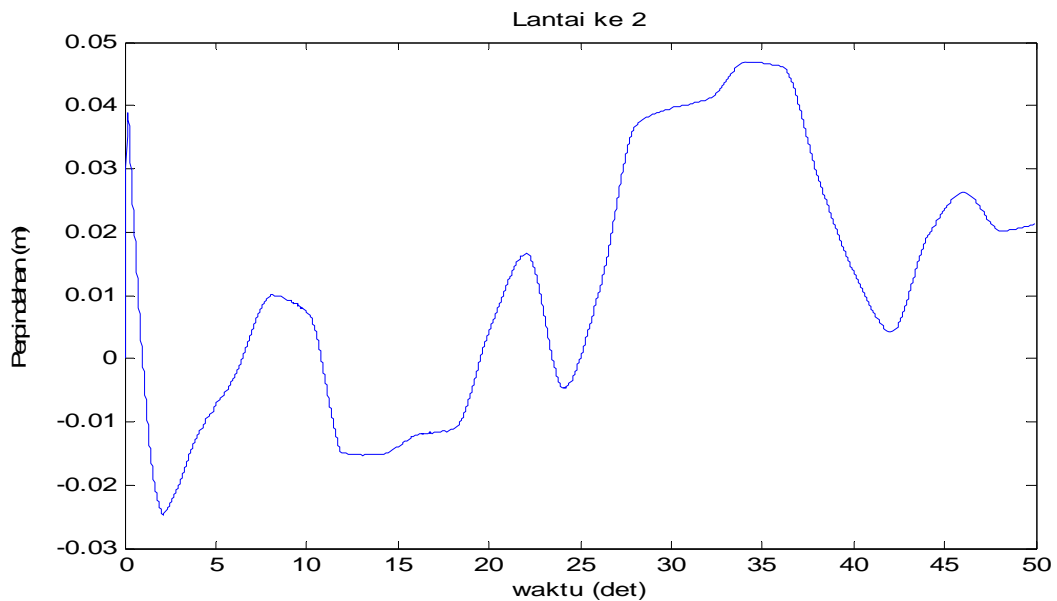


**Gambar 4.71** Perpindahan di lantai 20 akibat beban Angin

4. Respons dinamik akibat beban gempa El-centro dan Angin untuk perlantai

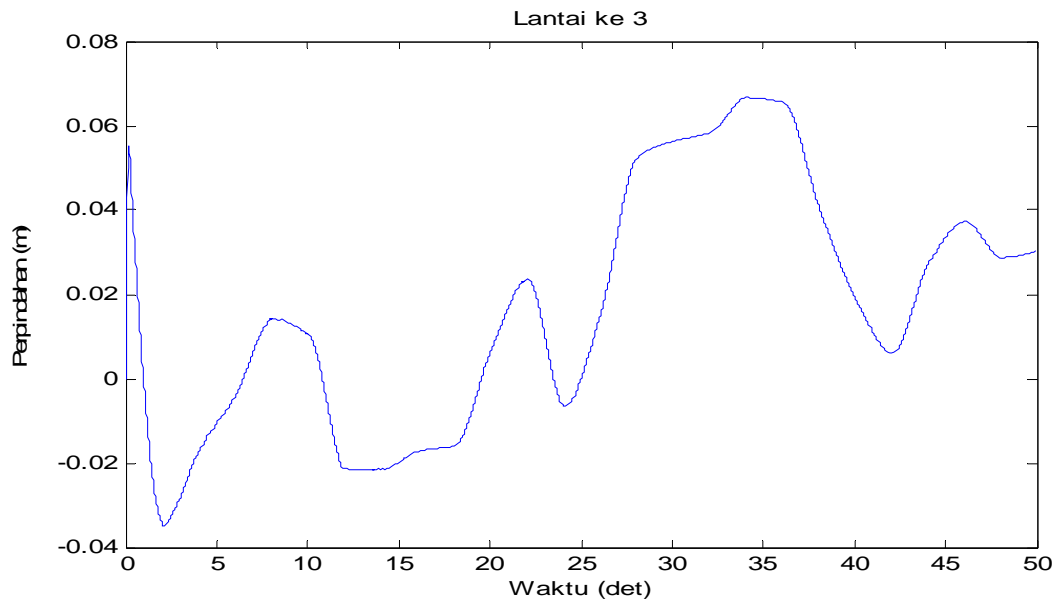


**Gambar 4.72** Perpindahan di lantai 1 akibat beban gempa El-Centro dan Angin

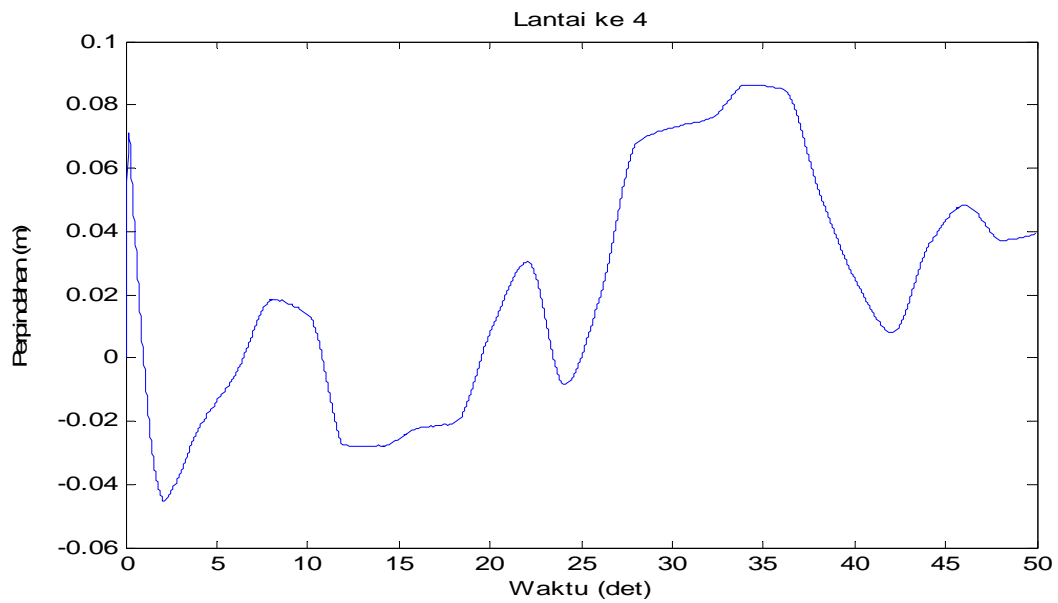


**Gambar 4.73** Perpindahan di lantai 2 akibat beban gempa El-Centro dan Angin

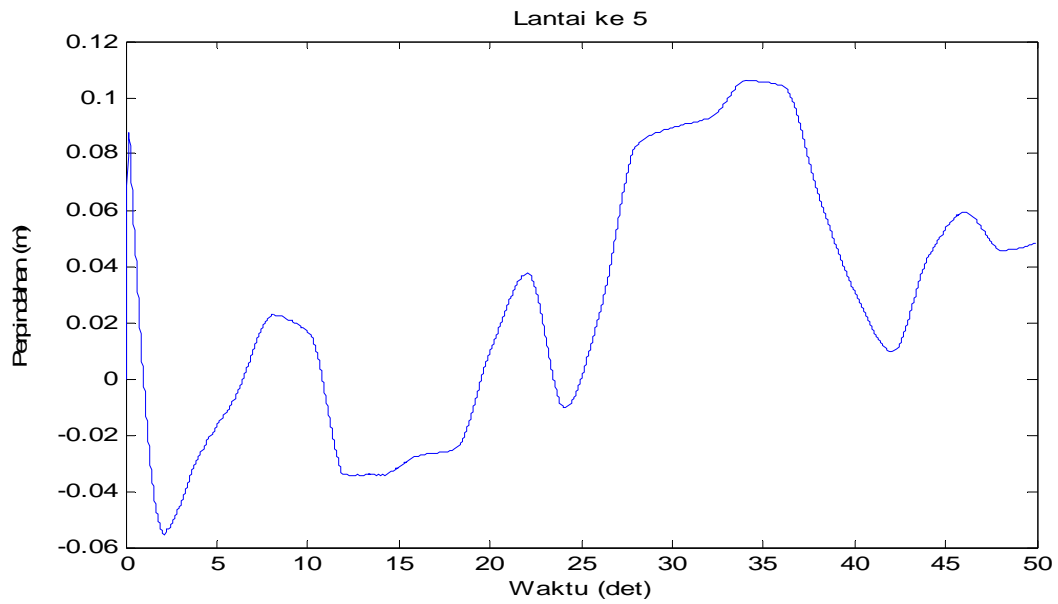




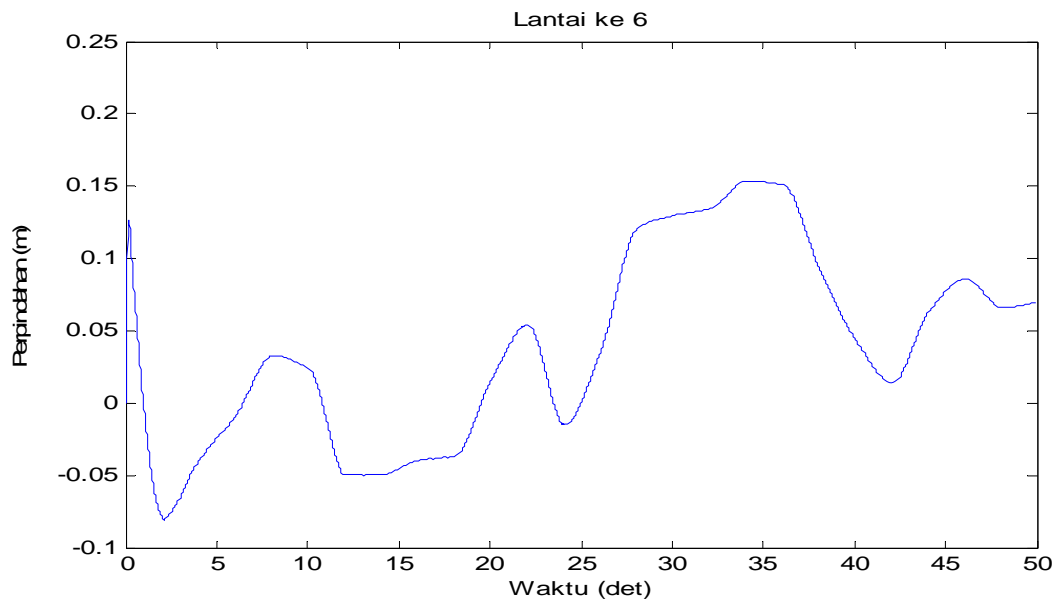
**Gambar 4.74** Perpindahan di lantai 3 akibat beban gempa El-Centro dan Angin



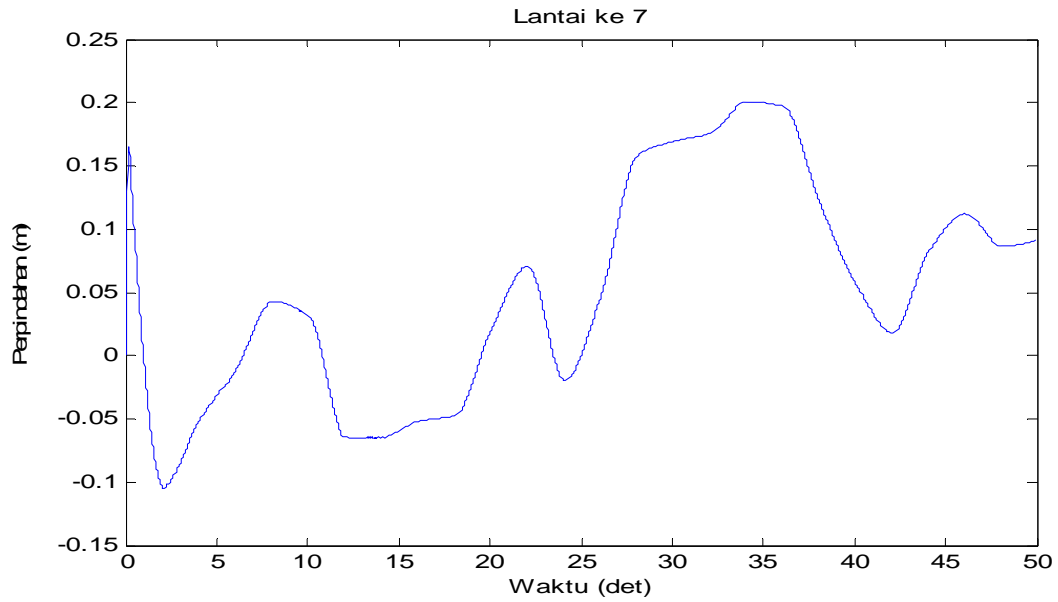
**Gambar 4.75** Perpindahan di lantai 4 akibat beban gempa El-Centro dan Angin



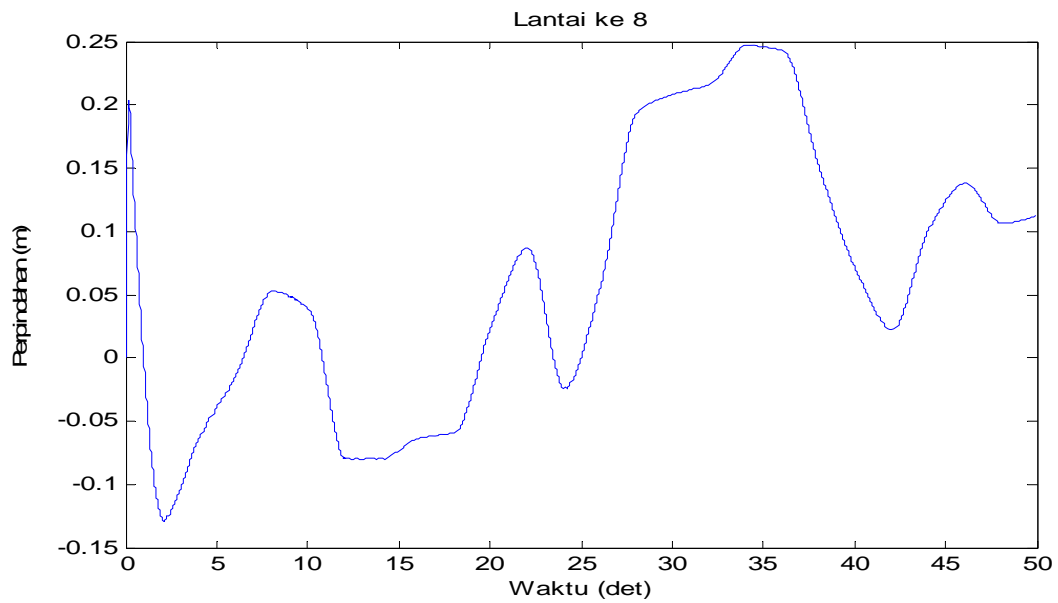
**Gambar 4.76** Perpindahan di lantai 5 akibat beban gempa El-Centro dan Angin



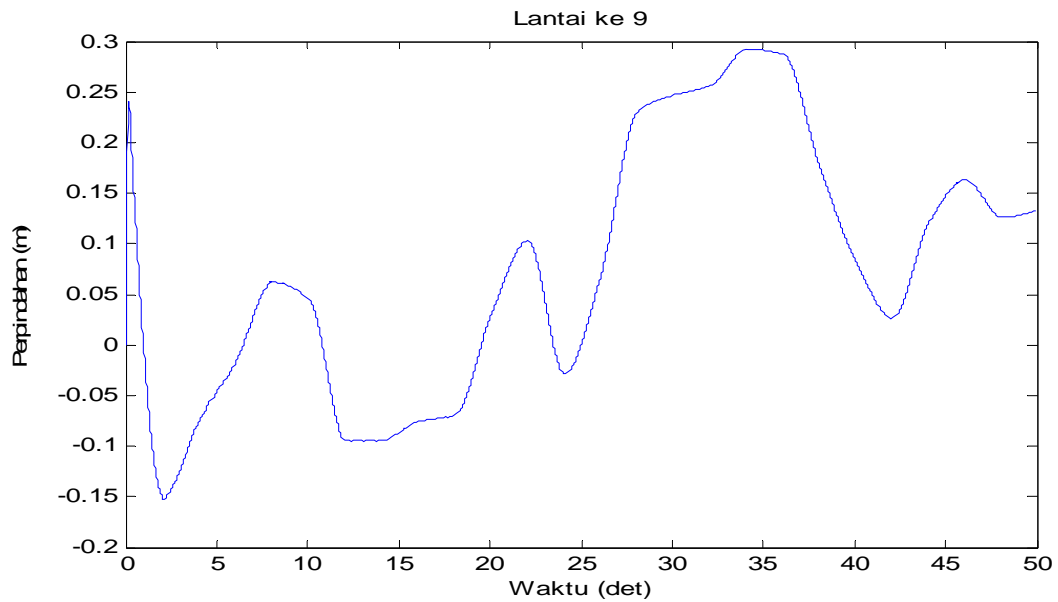
**Gambar 4.77** Perpindahan di lantai 6 akibat beban gempa El-Centro dan Angin



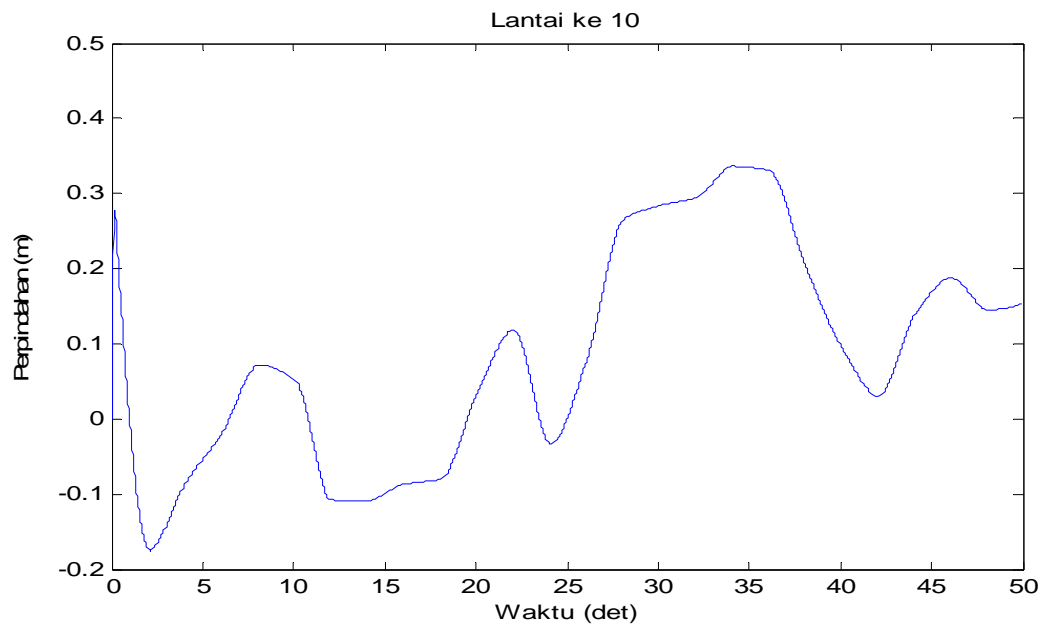
**Gambar 4.78** Perpindahan di lantai 7 akibat beban gempa El-Centro dan Angin



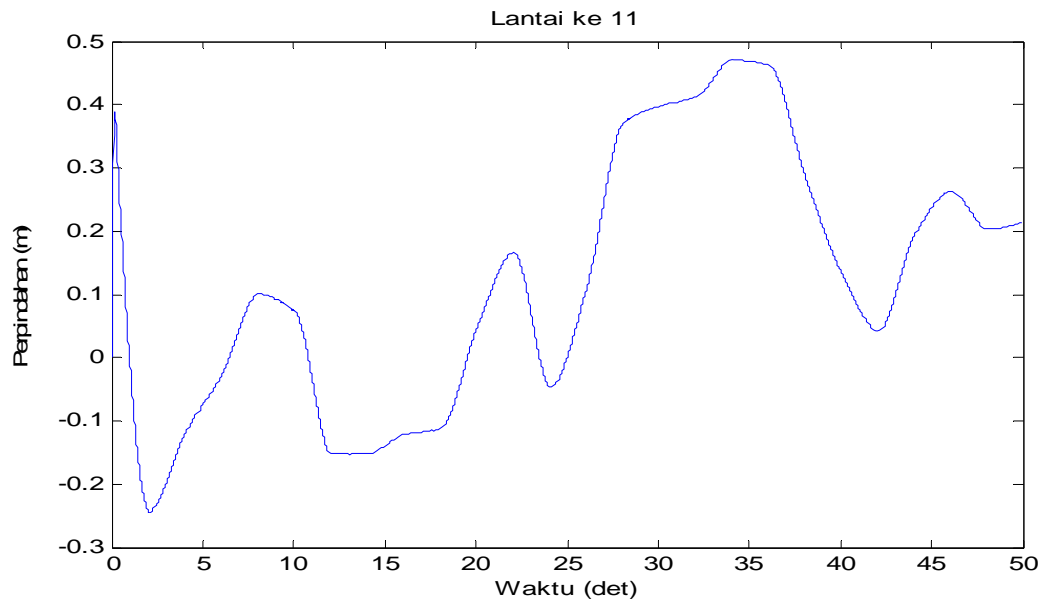
**Gambar 4.79** Perpindahan di lantai 8 akibat beban gempa El-Centro dan Angin



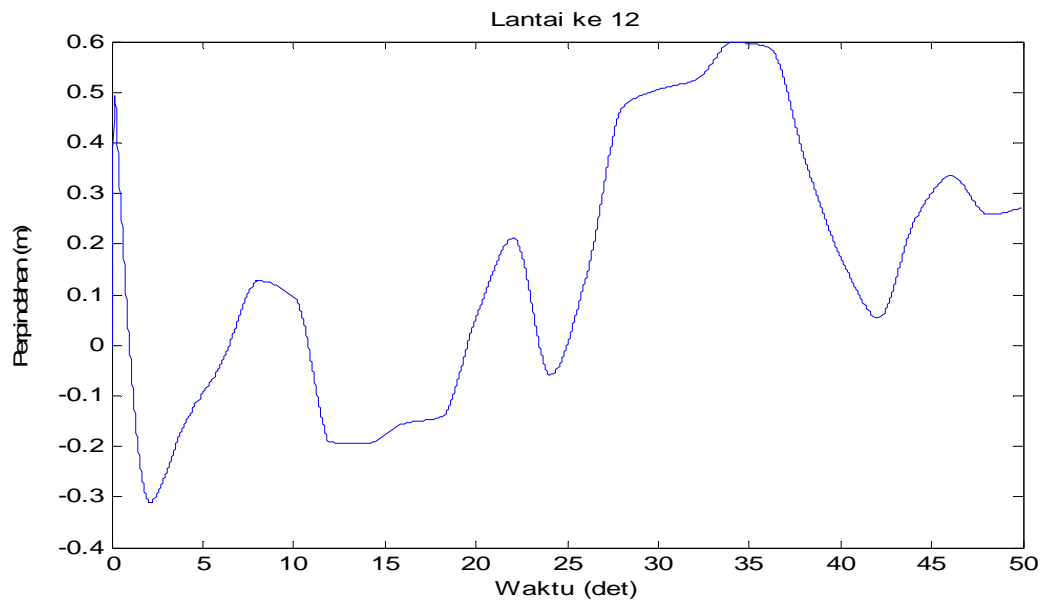
**Gambar 4.80** Perpindahan di lantai 9 akibat beban gempa El-Centro dan Angin



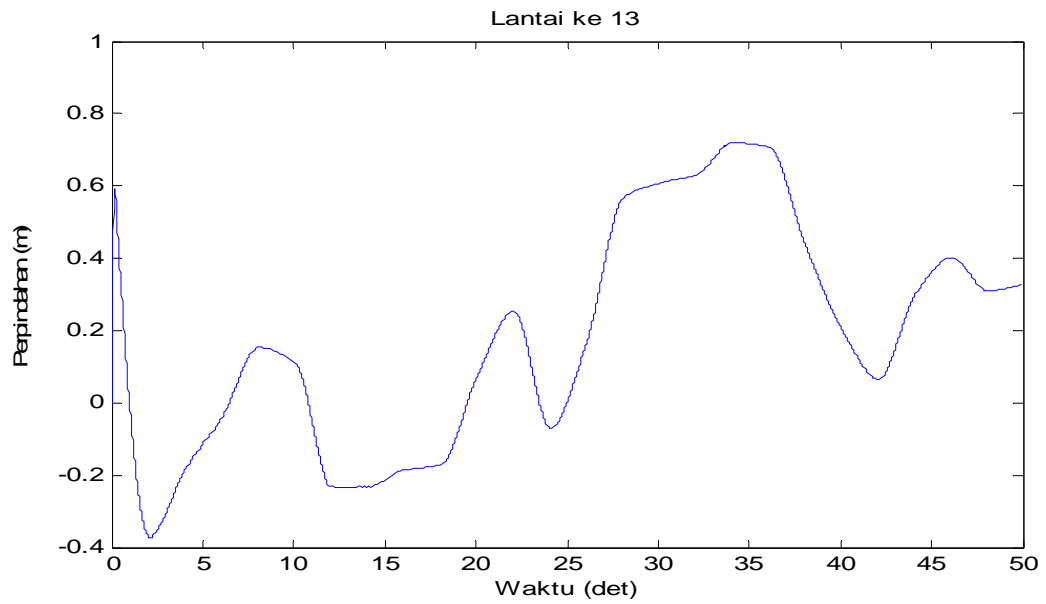
**Gambar 4.81** Perpindahan di lantai 10 akibat beban gempa El-Centro dan Angin



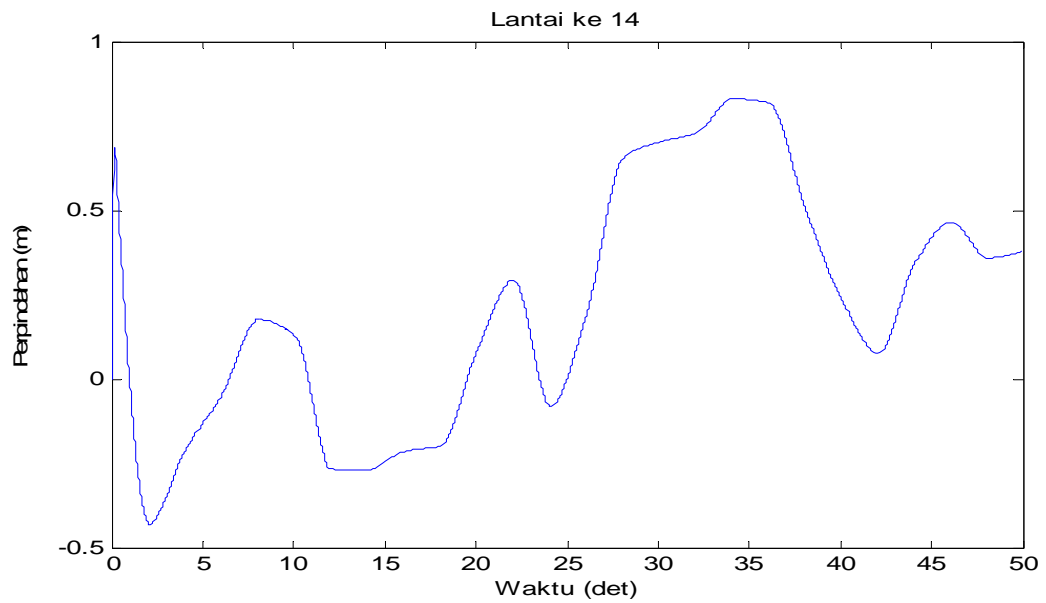
**Gambar 4.82** Perpindahan di lantai 11 akibat beban gempa El-Centro dan Angin



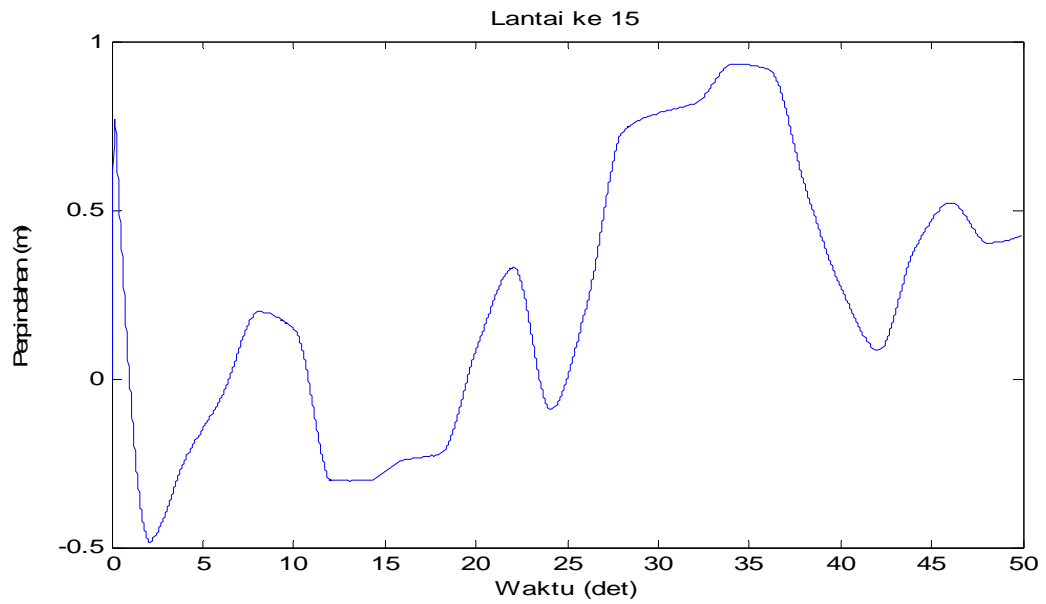
**Gambar 4.83** Perpindahan di lantai 12 akibat beban gempa El-Centro dan Angin



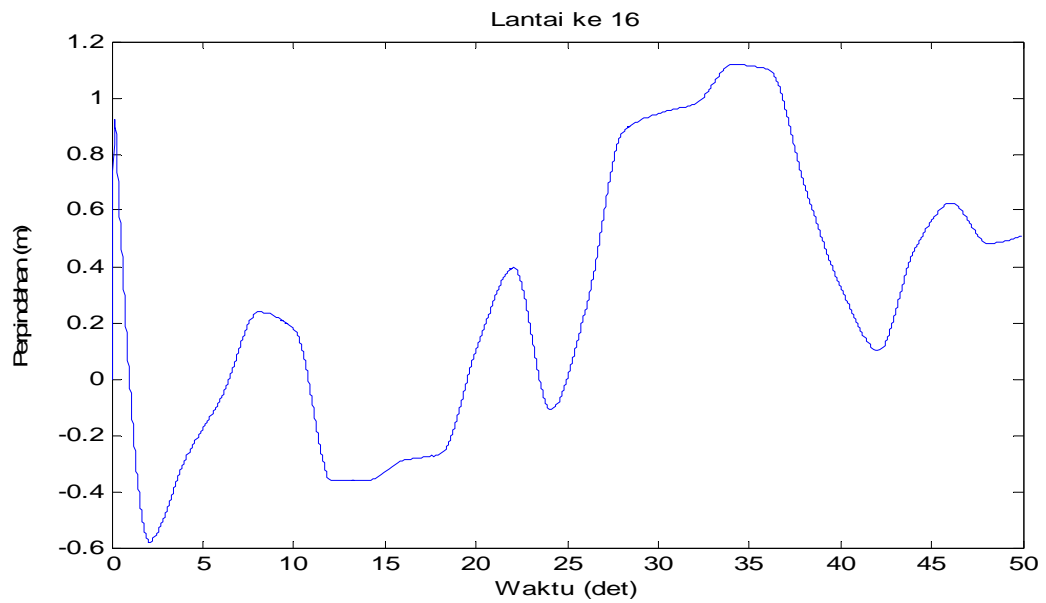
**Gambar 4.84** Perpindahan di lantai 13 akibat beban gempa El-Centro dan Angin



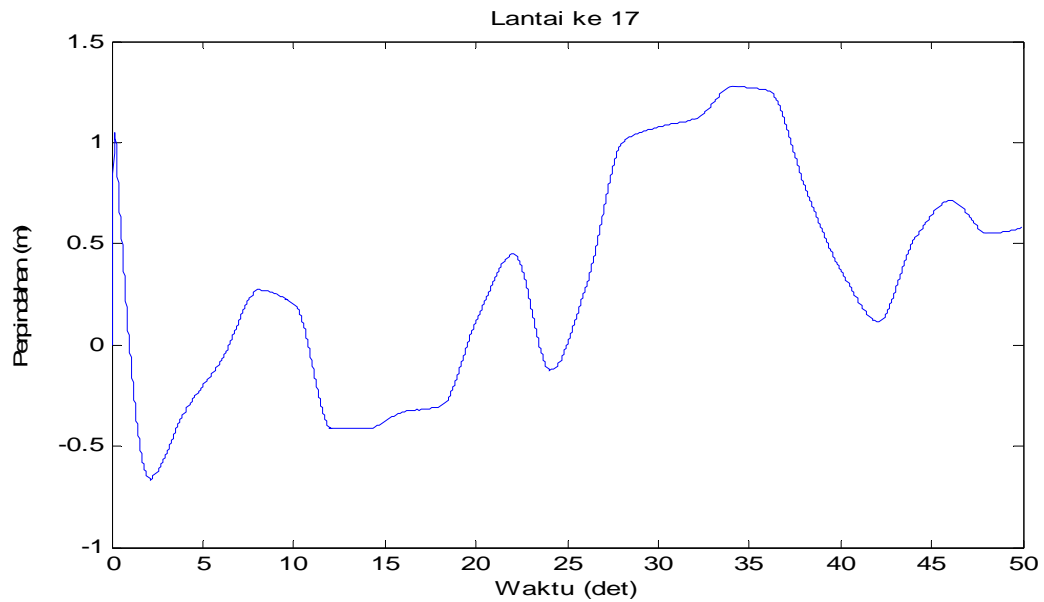
**Gambar 4.85** Perpindahan di lantai 14 akibat beban gempa El-Centro dan Angin



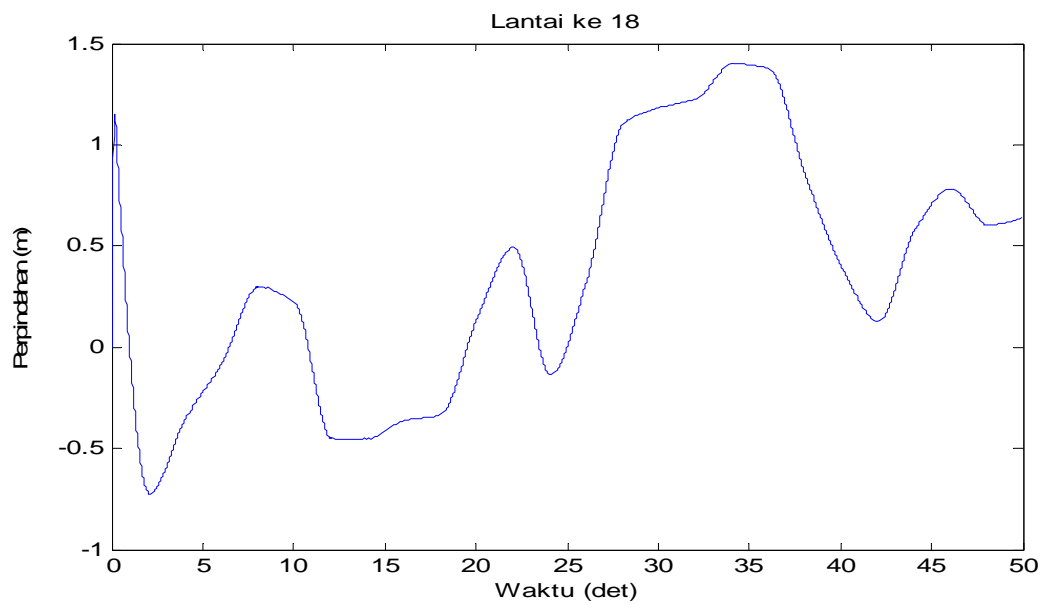
**Gambar 4.86** Perpindahan di lantai 15 akibat beban gempa El-Centro dan Angin



**Gambar 4.87** Perpindahan di lantai 16 akibat beban gempa El-Centro dan Angin

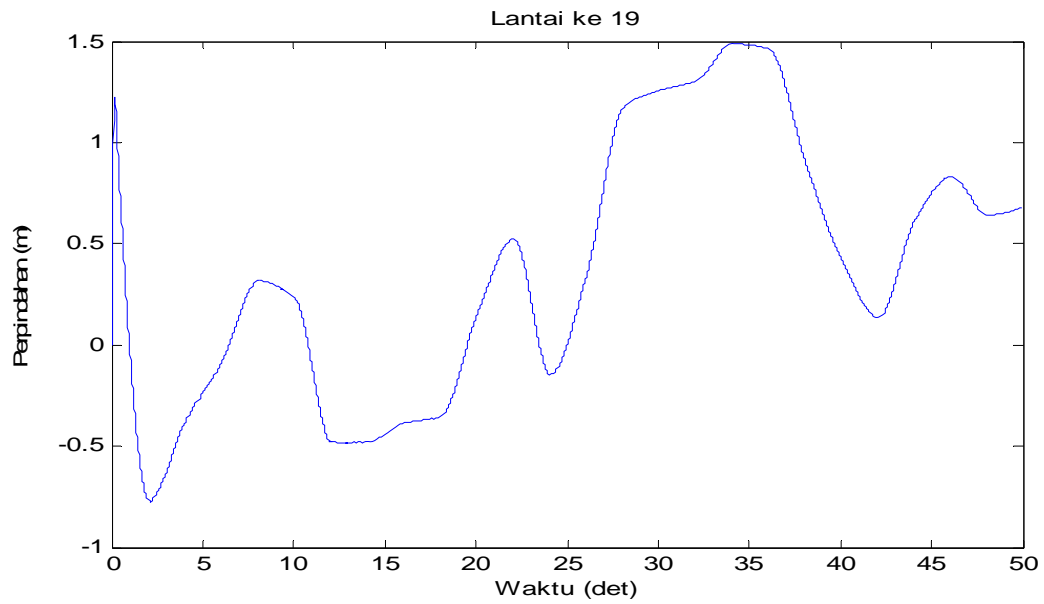


**Gambar 4.88** Perpindahan di lantai 17 akibat beban gempa El-Centro dan Angin

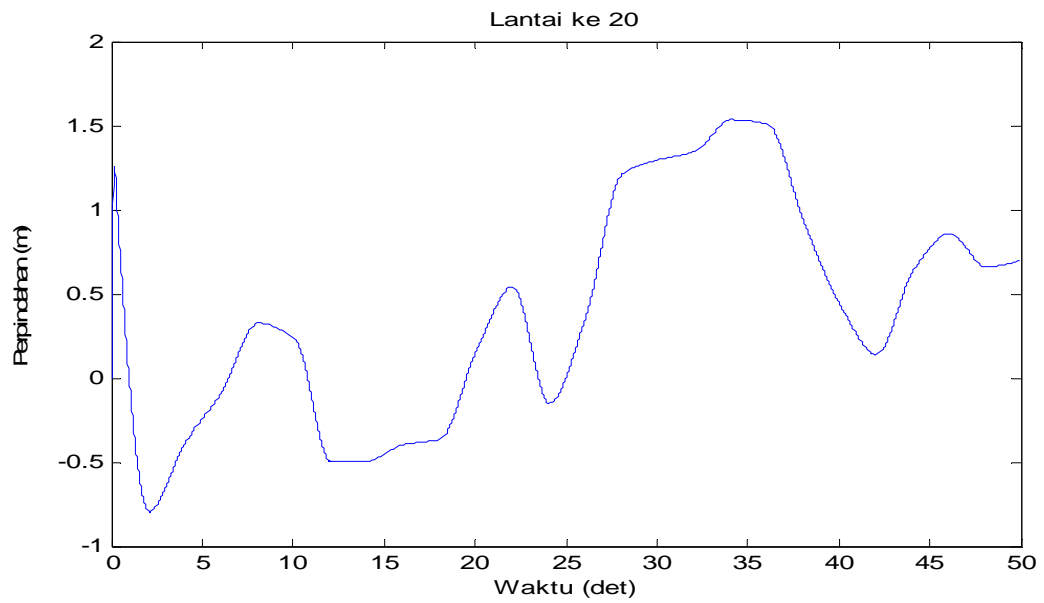


**Gambar 4.89** Perpindahan di lantai 18 akibat beban gempa El-Centro dan Angin



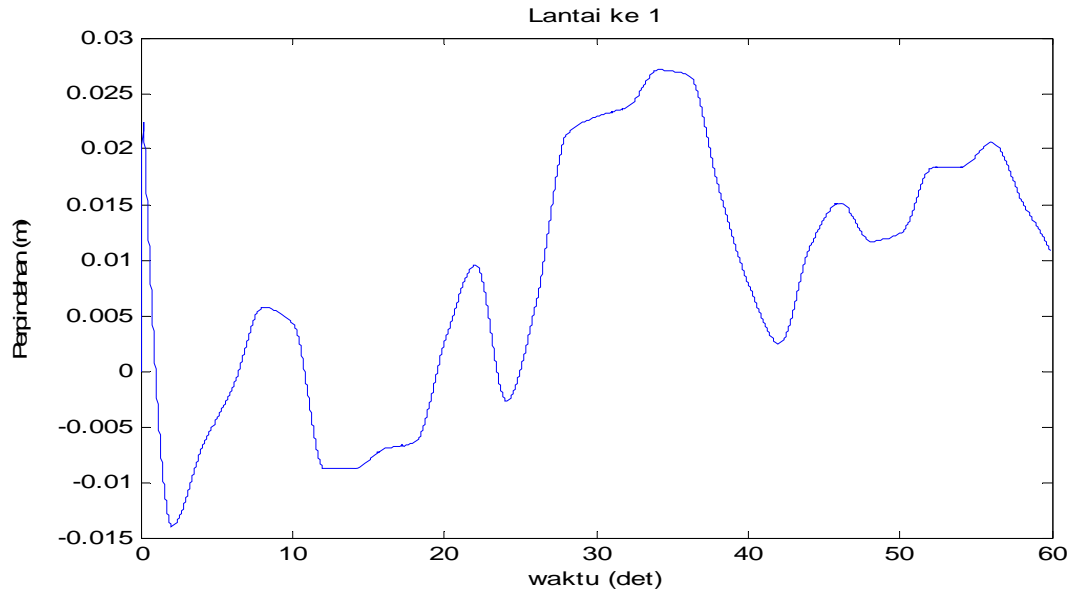


**Gambar 4.90** Perpindahan di lantai 19 akibat beban gempa El-Centro dan Angin

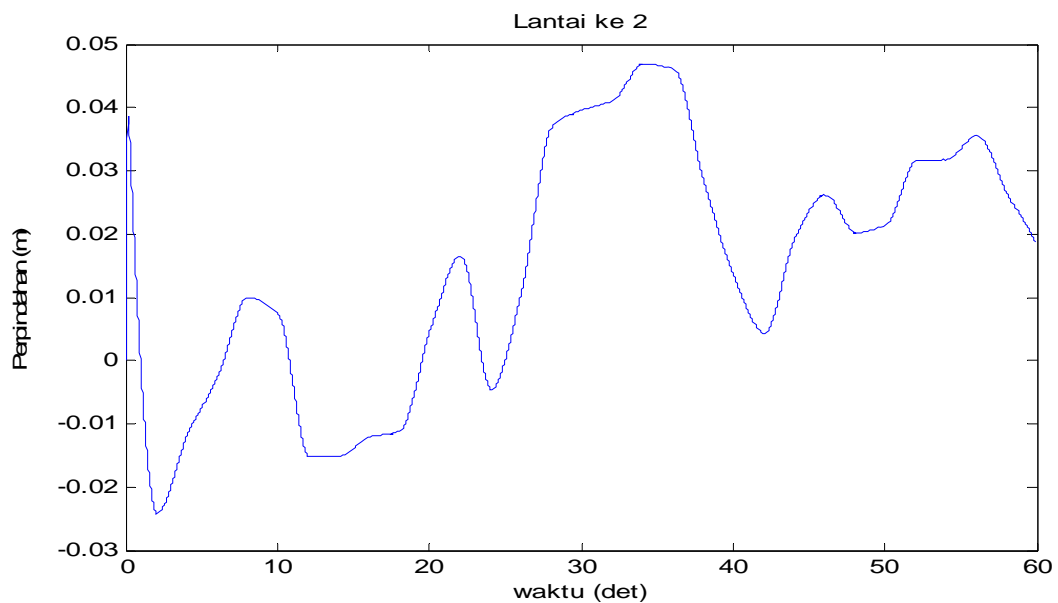


**Gambar 4.91** Perpindahan di lantai 20 akibat beban gempa El-Centro dan Angin

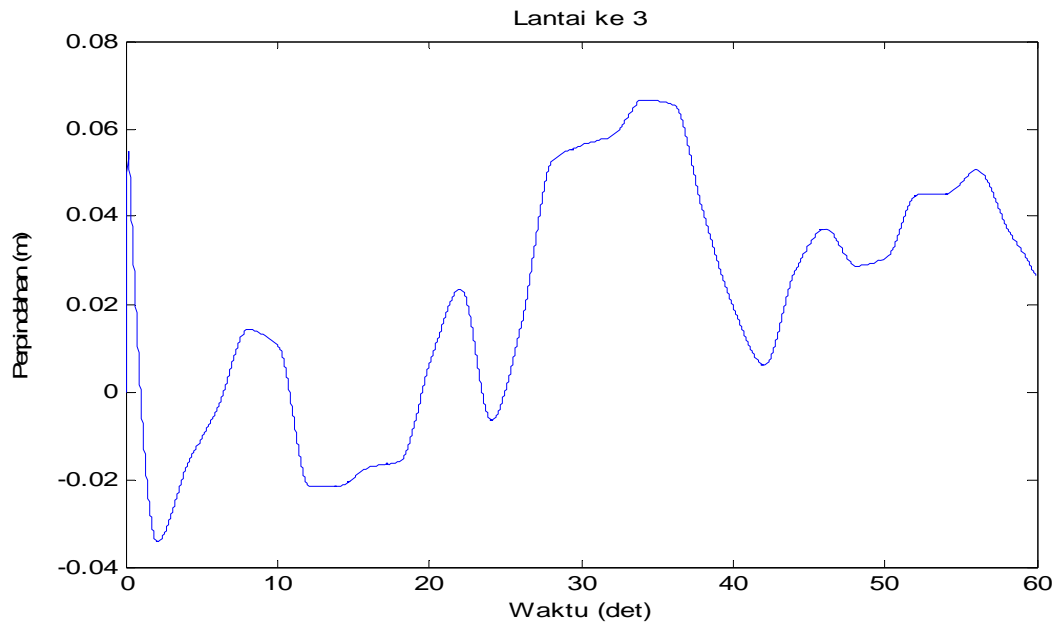
5. Respons dinamik akibat beban gempa Flores dan Angin untuk perlantai



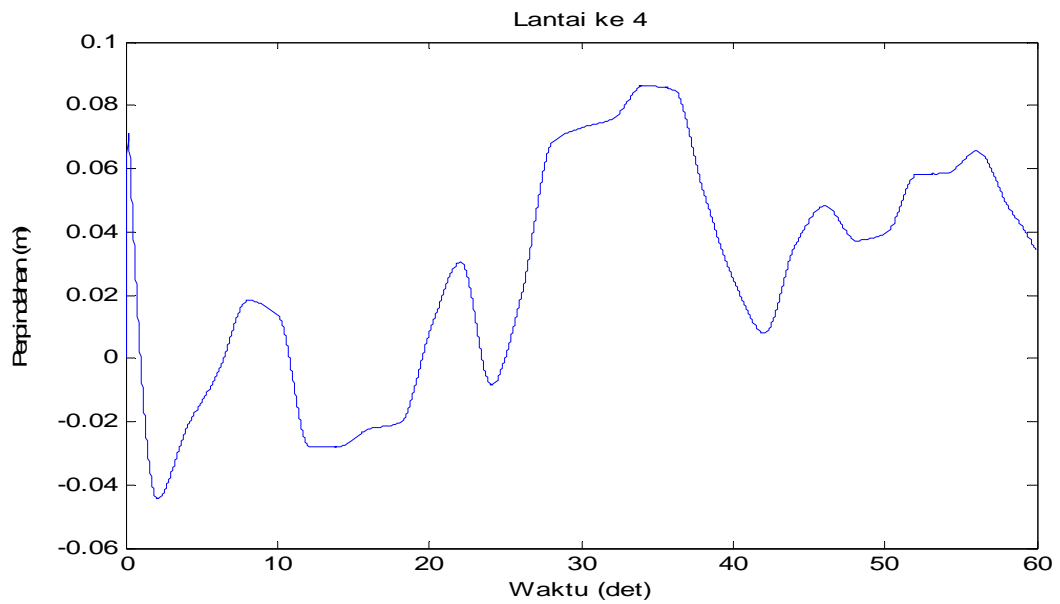
**Gambar 4.92** Perpindahan di lantai 1 akibat beban gempa Flores dan Angin



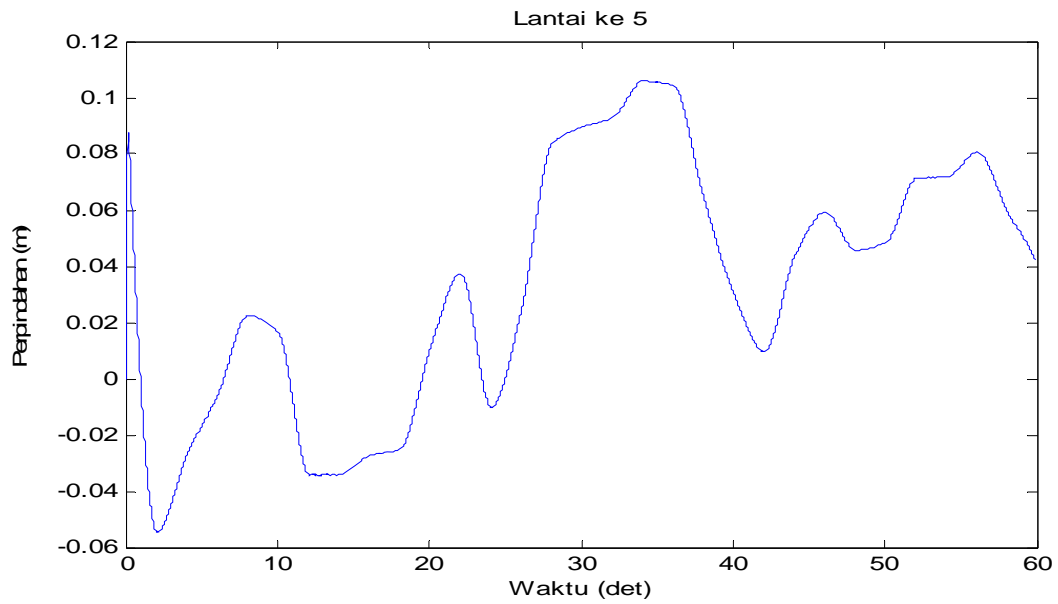
**Gambar 4.93** Perpindahan di lantai 2 akibat beban gempa Flores dan Angin



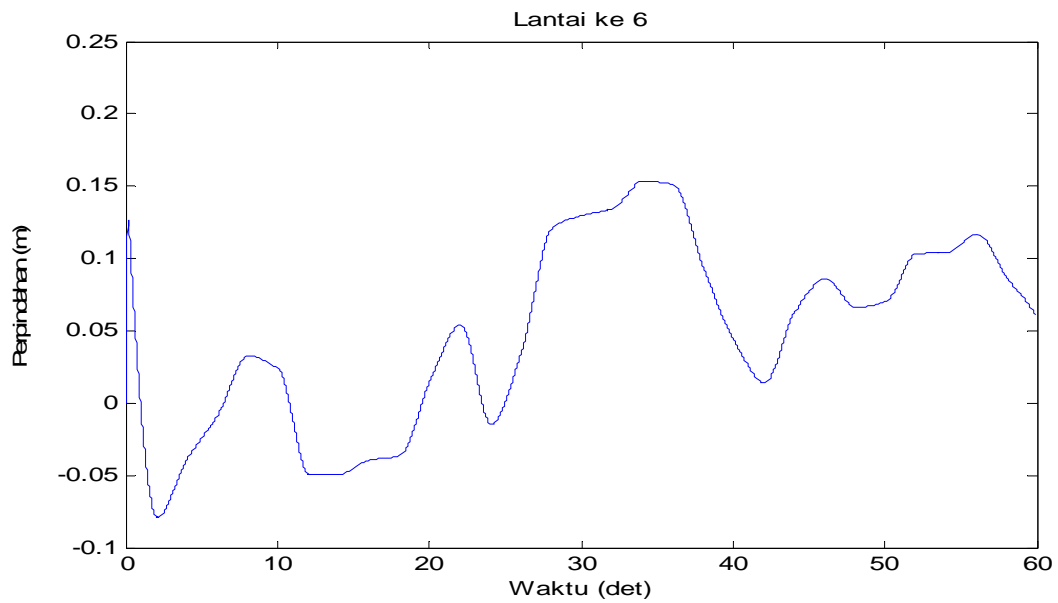
**Gambar 4.94** Perpindahan di lantai 3 akibat beban gempa Flores dan Angin



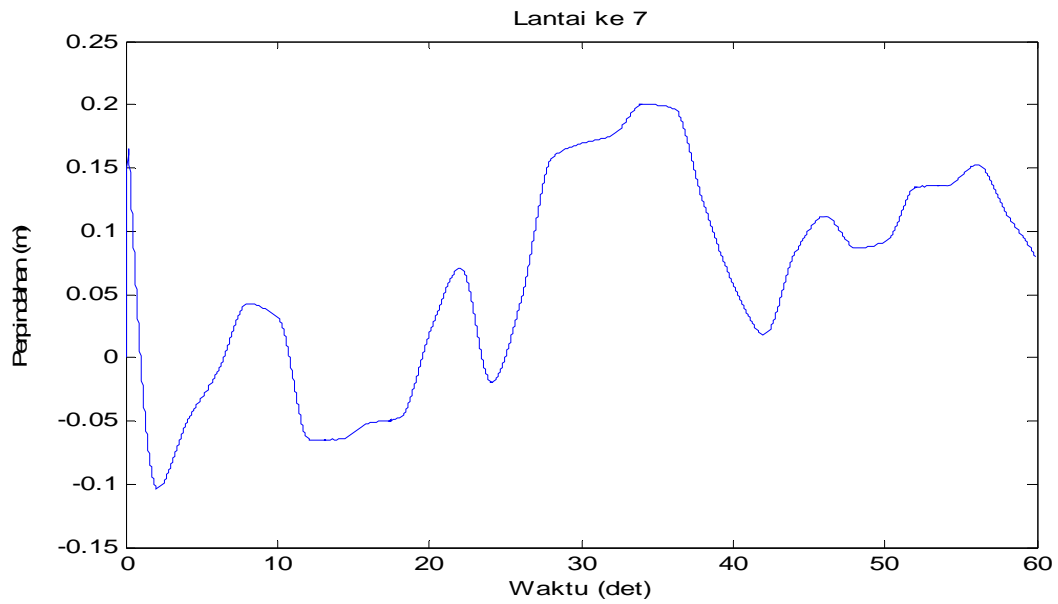
**Gambar 4.95** Perpindahan di lantai 4 akibat beban gempa Flores dan Angin



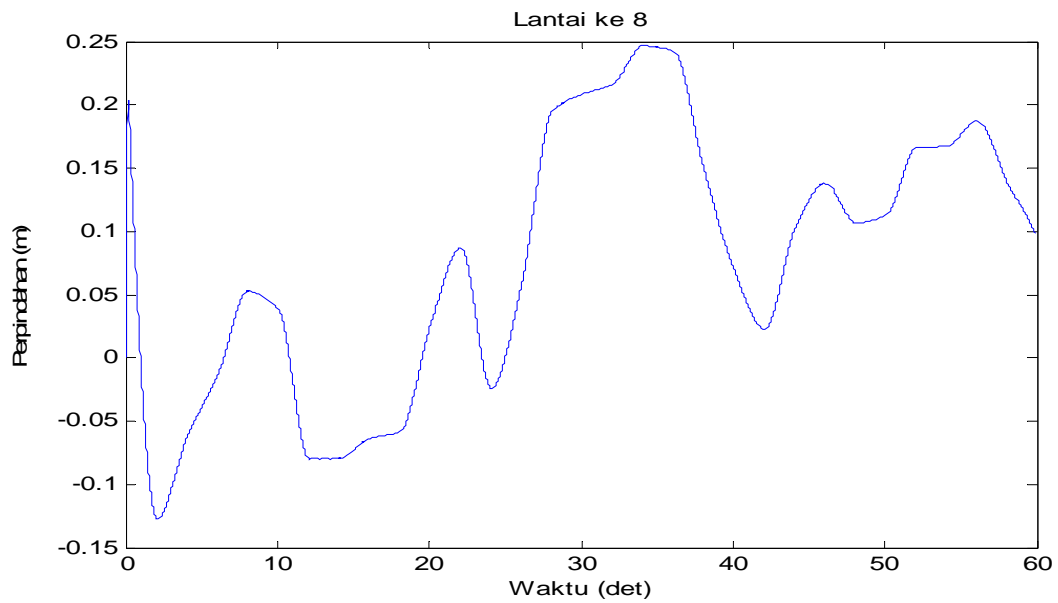
**Gambar 4.96** Perpindahan di lantai 5 akibat beban gempa Flores dan Angin



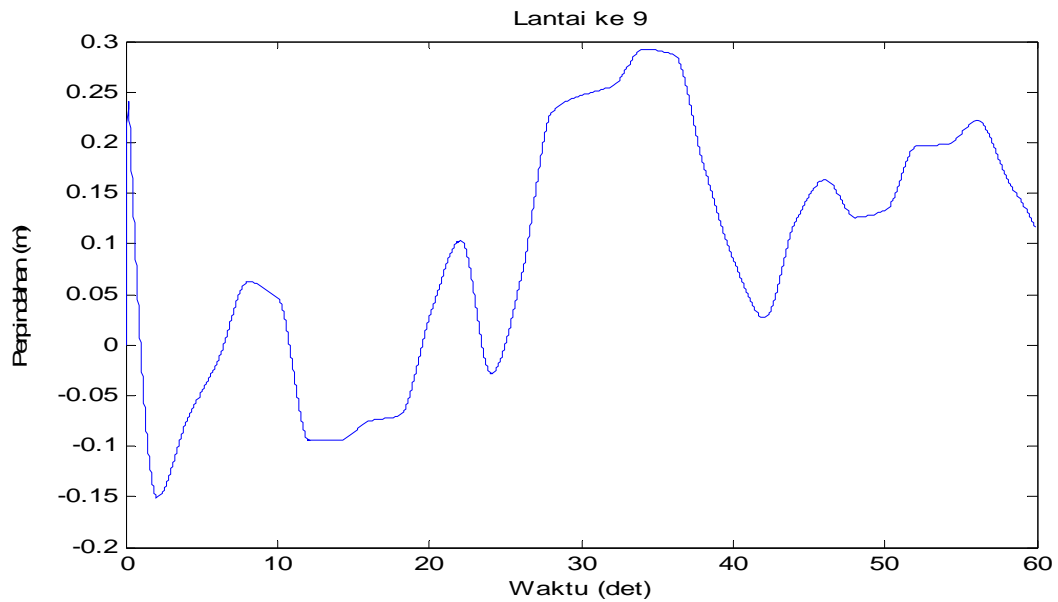
**Gambar 4.97** Perpindahan di lantai 6 akibat beban gempa Flores dan Angin



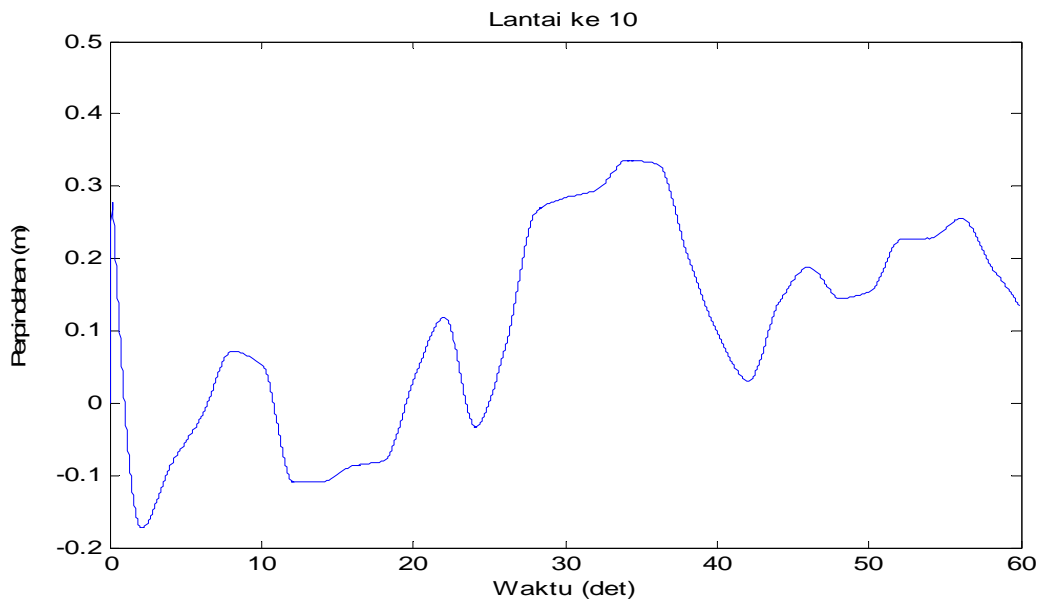
**Gambar 4.98** Perpindahan di lantai 7 akibat beban gempa Flores dan Angin



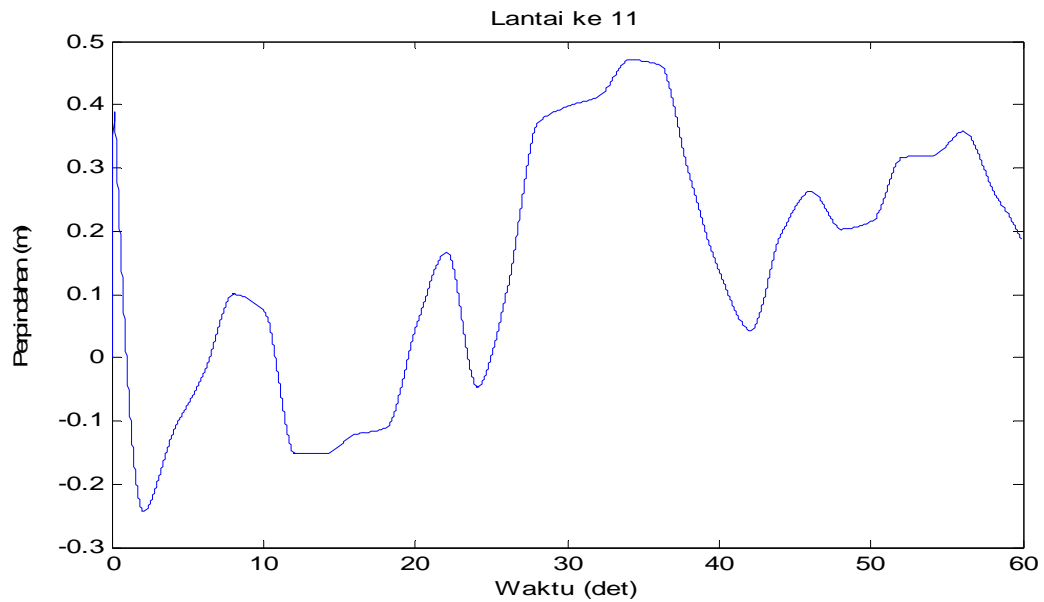
**Gambar 4.99** Perpindahan di lantai 8 akibat beban gempa Flores dan Angin



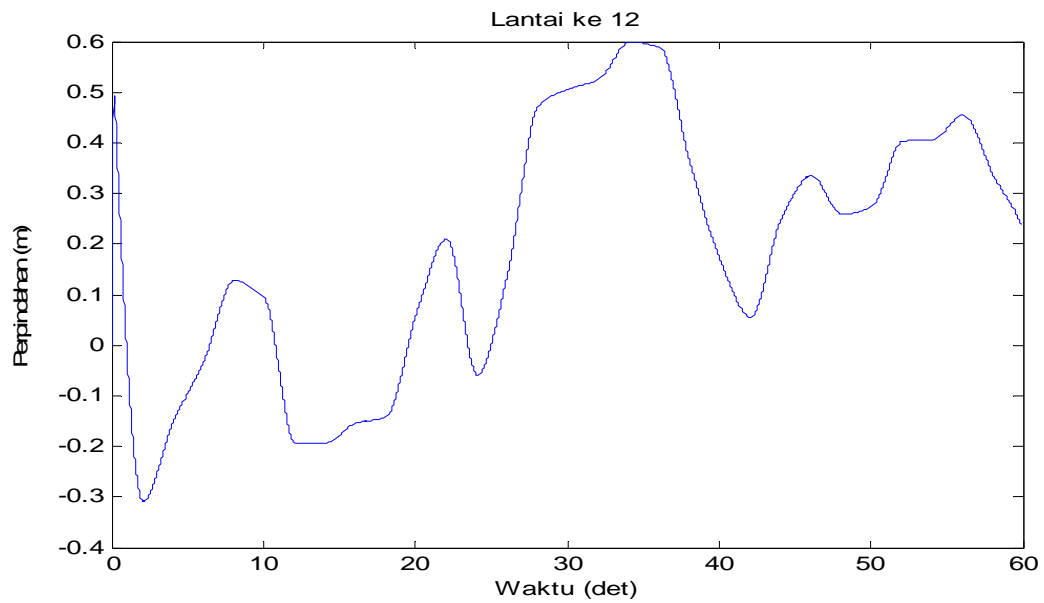
**Gambar 4.100** Perpindahan di lantai 9 akibat beban gempa Flores dan Angin



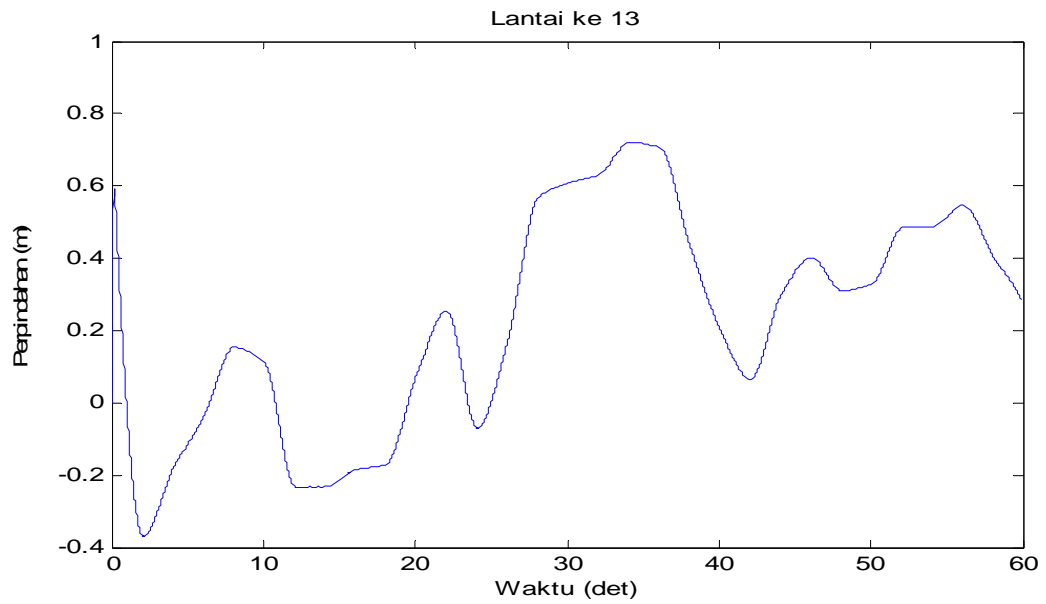
**Gambar 4.101** Perpindahan di lantai 10 akibat beban gempa Flores dan Angin



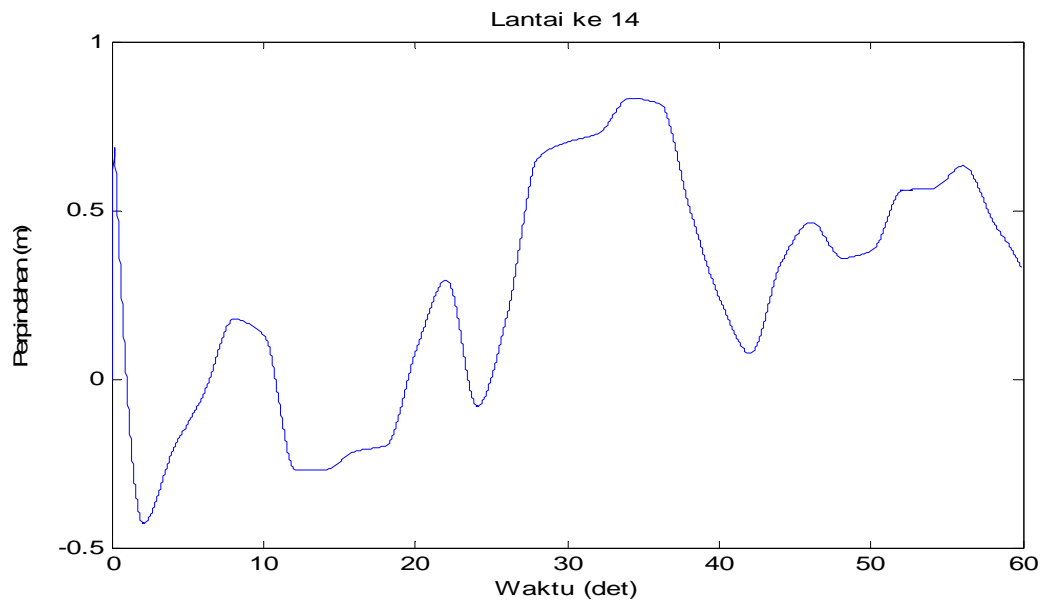
**Gambar 4.102** Perpindahan di lantai 11 akibat beban gempa Flores dan Angin



**Gambar 4.103** Perpindahan di lantai 12 akibat beban gempa Flores dan Angin

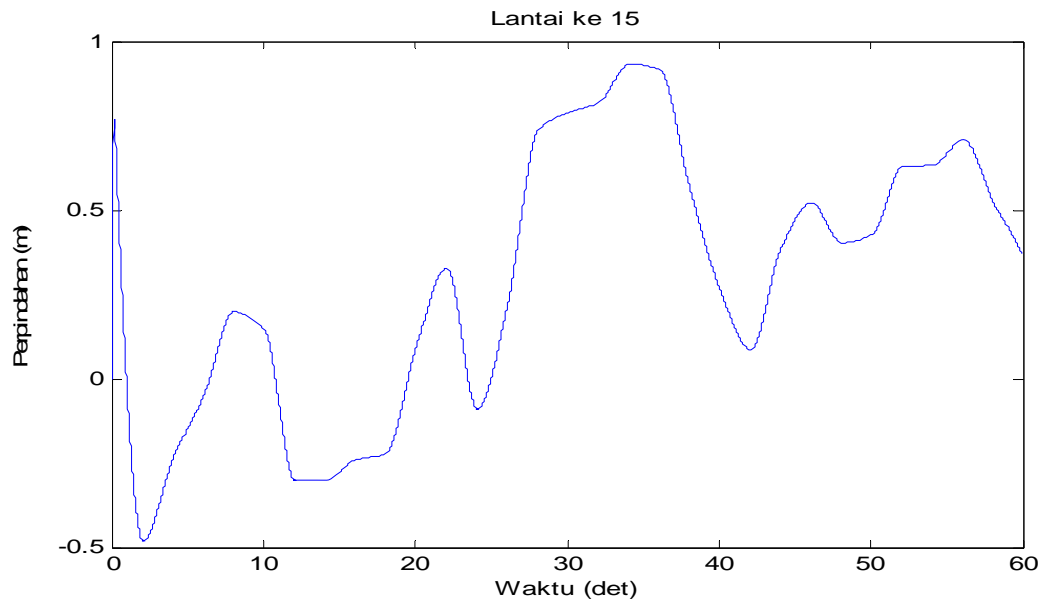


**Gambar 4.104** Perpindahan di lantai 13 akibat beban gempa Flores dan Angin

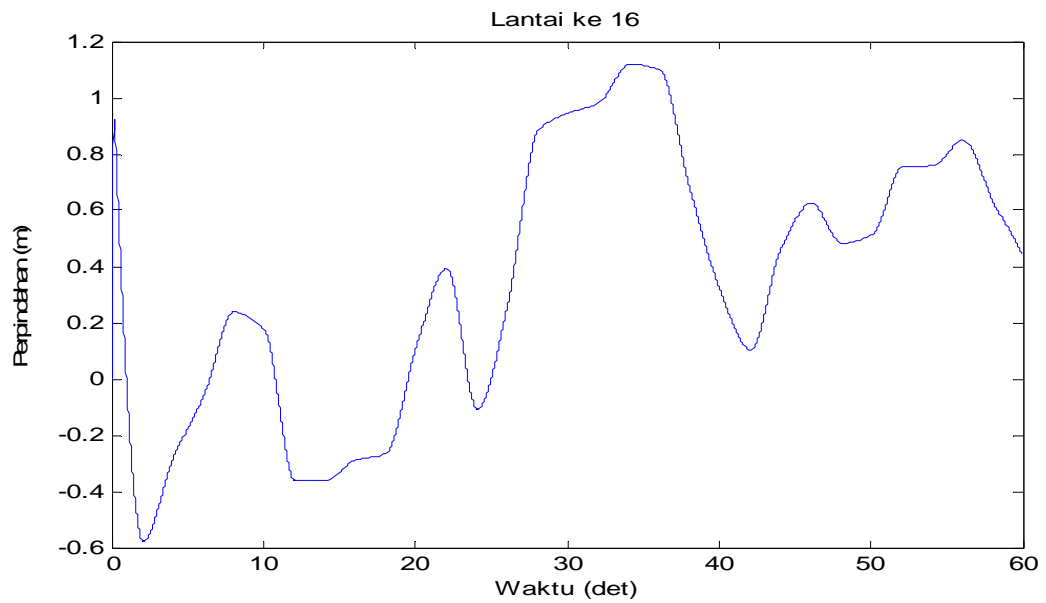


**Gambar 4.105** Perpindahan di lantai 14 akibat beban gempa Flores dan Angin

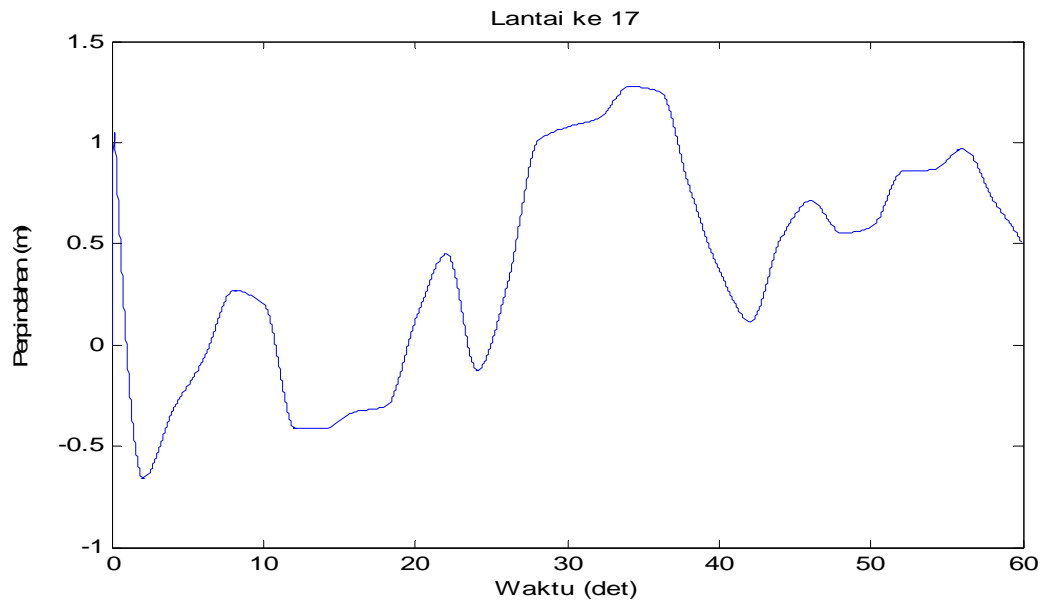




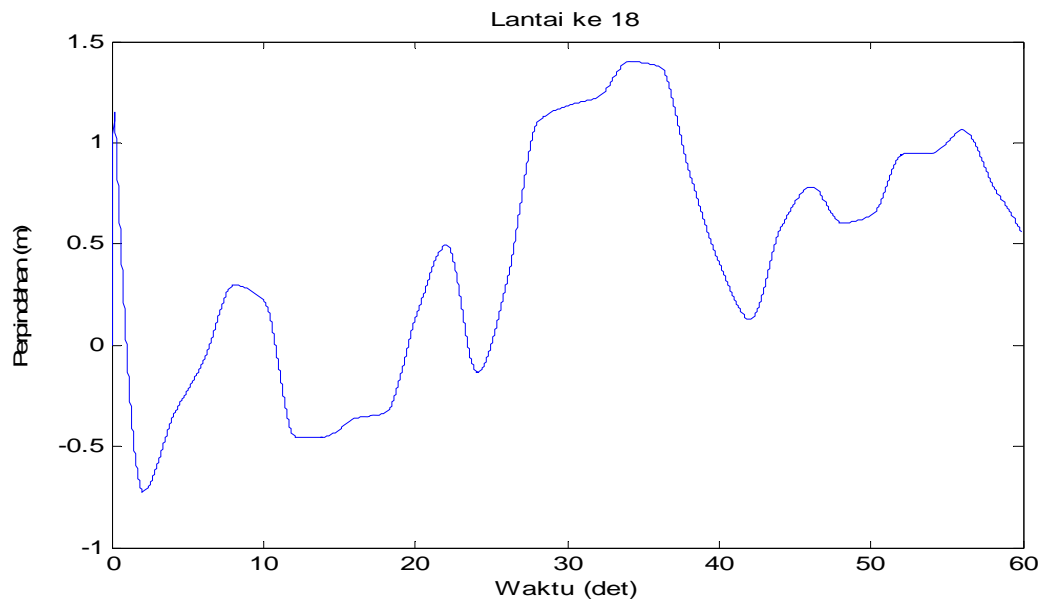
**Gambar 4.106** Perpindahan di lantai 15 akibat beban gempa Flores dan Angin



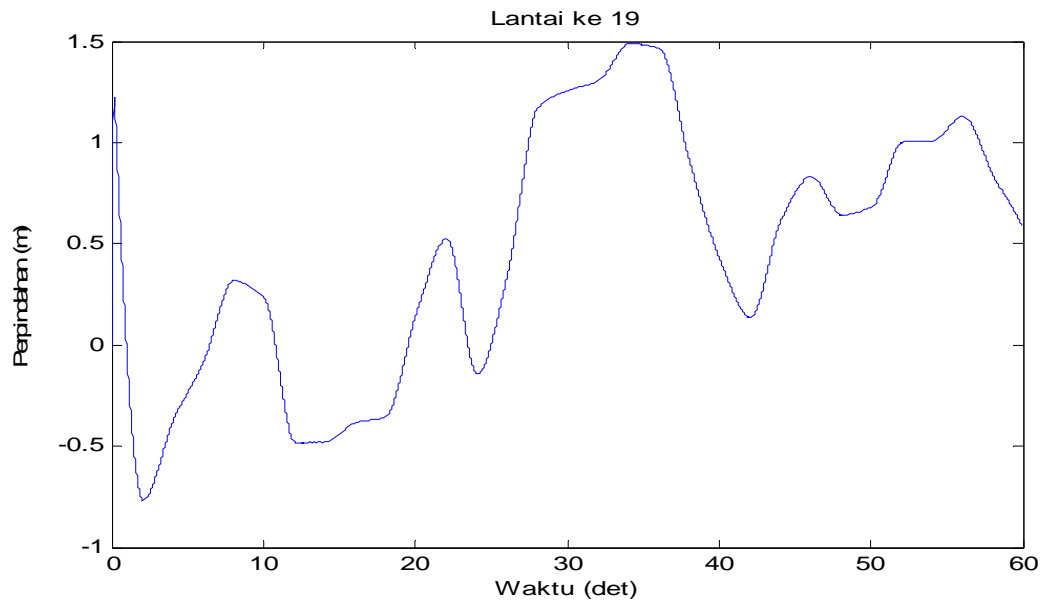
**Gambar 4.107** Perpindahan di lantai 16 akibat beban gempa Flores dan Angin



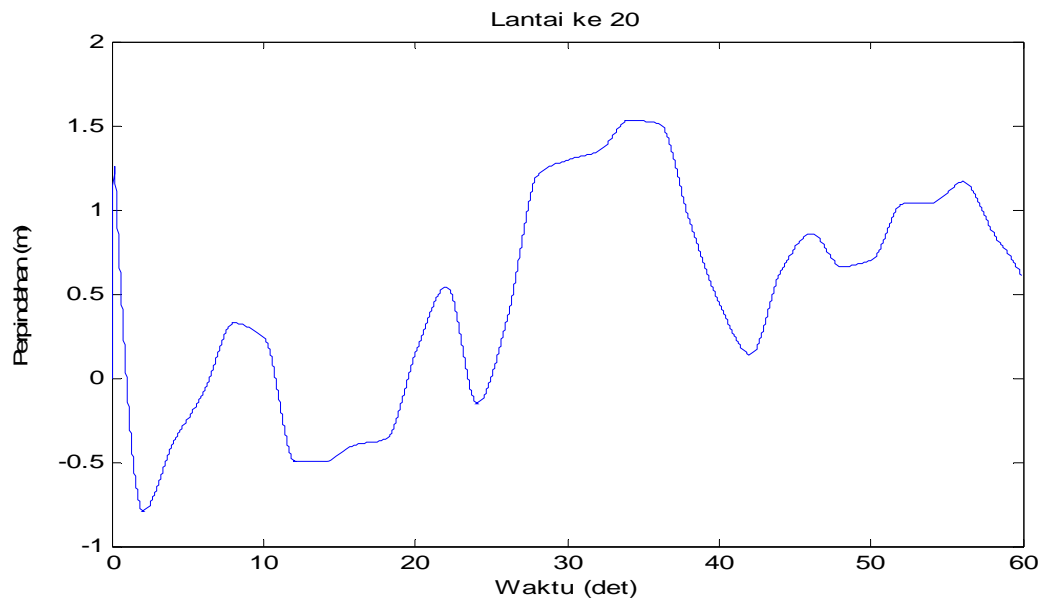
**Gambar 4.108** Perpindahan di lantai 17 akibat beban gempa Flores dan Angin



**Gambar 4.109** Perpindahan di lantai 18 akibat beban gempa Flores dan Angin



**Gambar 4.110** Perpindahan di lantai 19 akibat beban gempa Flores dan Angin



**Gambar 4.111** Perpindahan di lantai 20 akibat beban gempa Flores dan Angin