

Affine hovels

G. Rousseau

The analogs of the Bruhat-Tits buildings for Kac-Moody groups over local fields have some bad property: any two points are not always in a same apartment. So they are called hovels. I shall give an abstract definition of affine hovels in the spirit of Tits' definition in Como's conference (for affine buildings) i.e. emphasizing the role of sectors. Twin buildings appear naturally at infinite of these affine hovels.