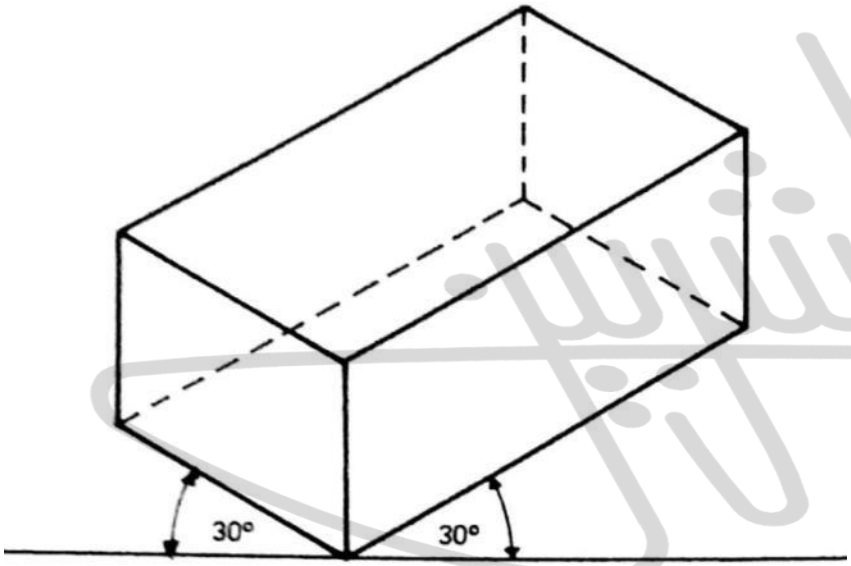
Perspective Drawing

Dr. Mohamed al-Sherbiny

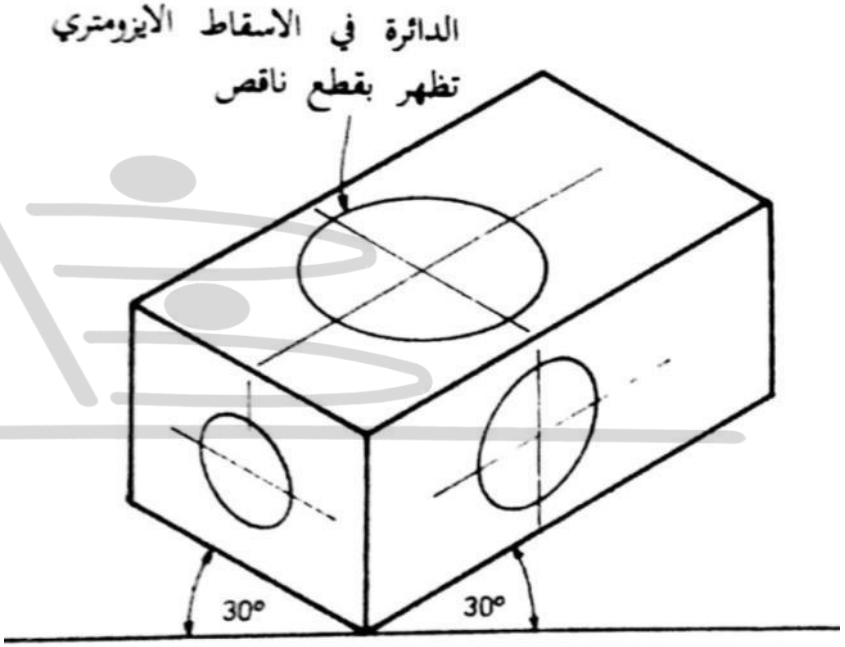
Representing 3D objects in two dimensions

Axonometric and Oblique Projection

PARALINE DRAWINGS: AXONOMETRIC PROJECTION



الطريقة الايزومترية

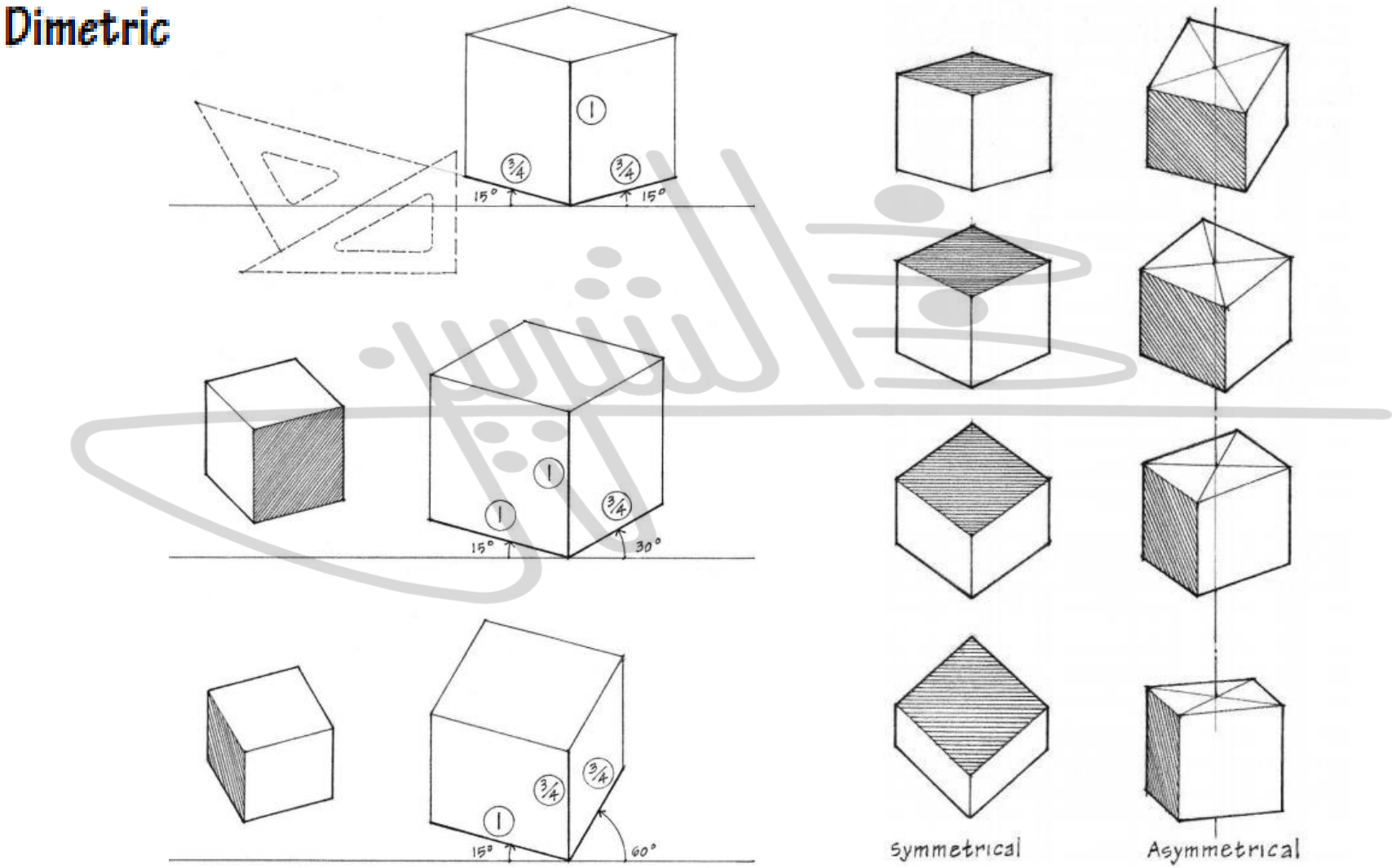


الطريقة الايزومترية

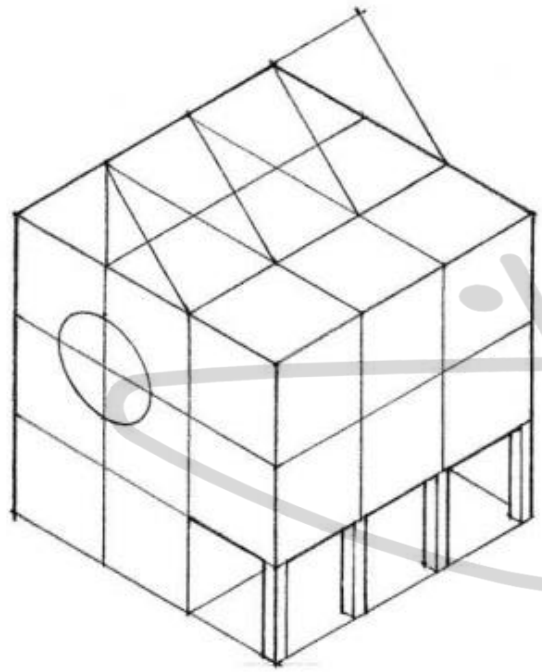
Isometric

Three major axes make equal angles with the picture plane.

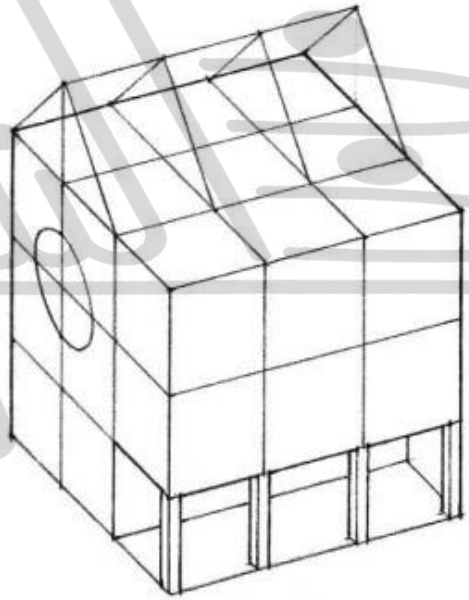
PARALINE DRAWINGS: AXONOMETRIC PROJECTION



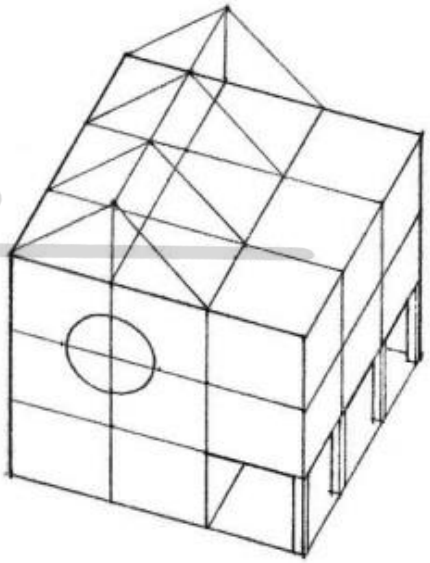
PARALINE DRAWINGS: AXONOMETRIC PROJECTION



Isometric

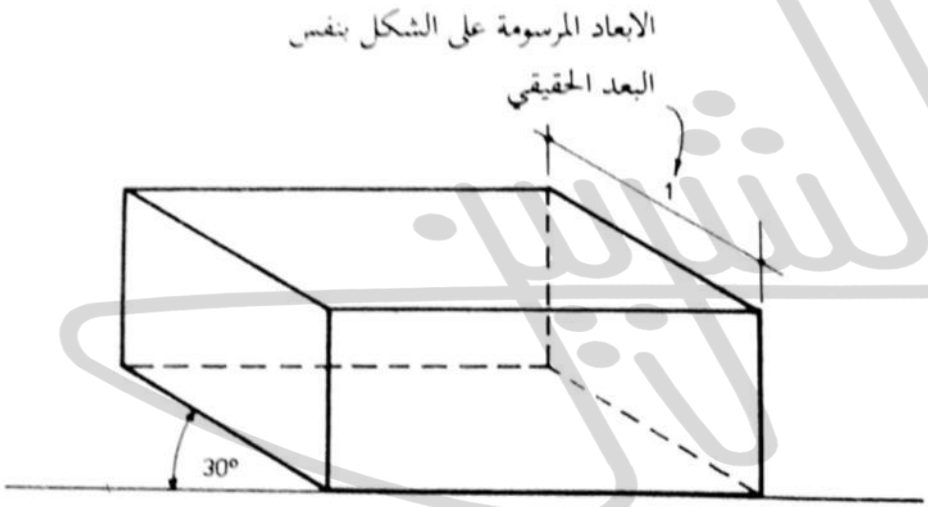


Dimetric

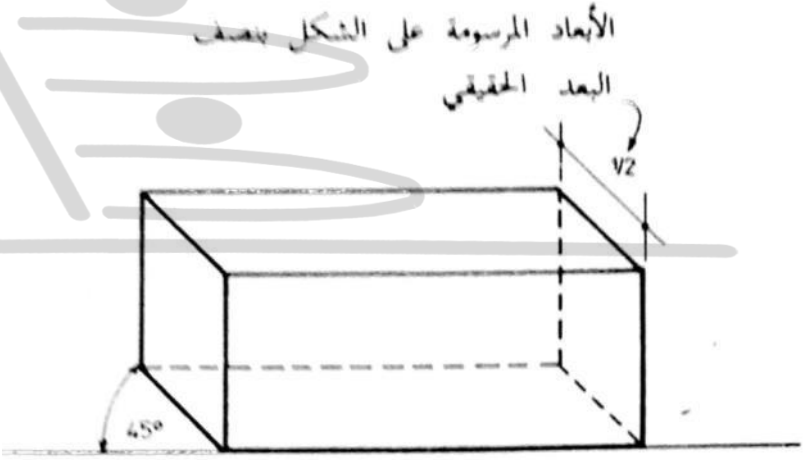


Dimetric

PARALINE DRAWINGS: OBLIQUE PROJECTION

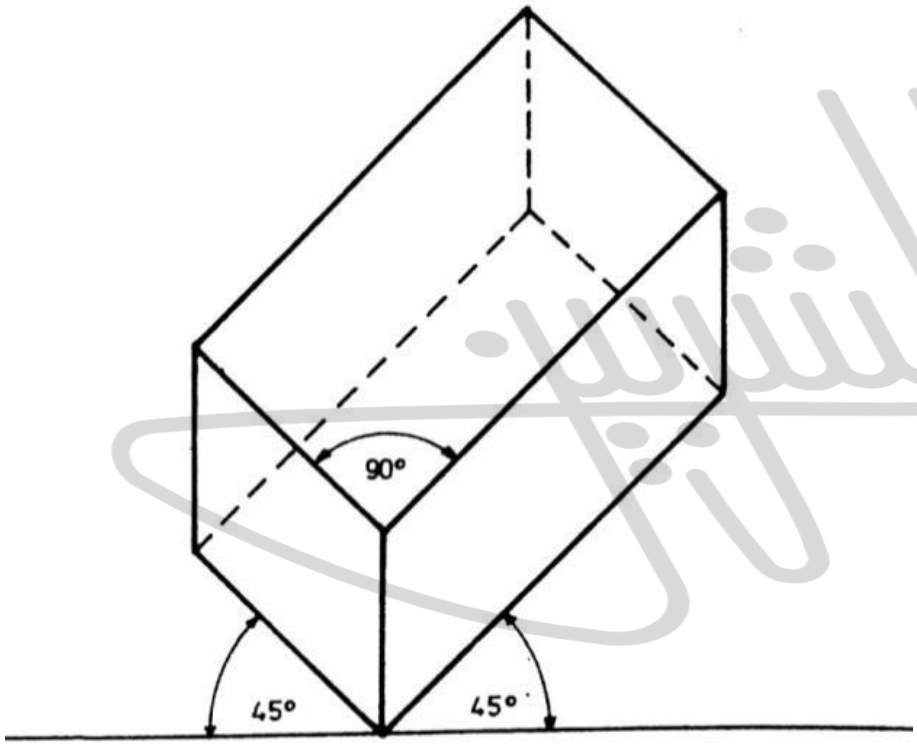


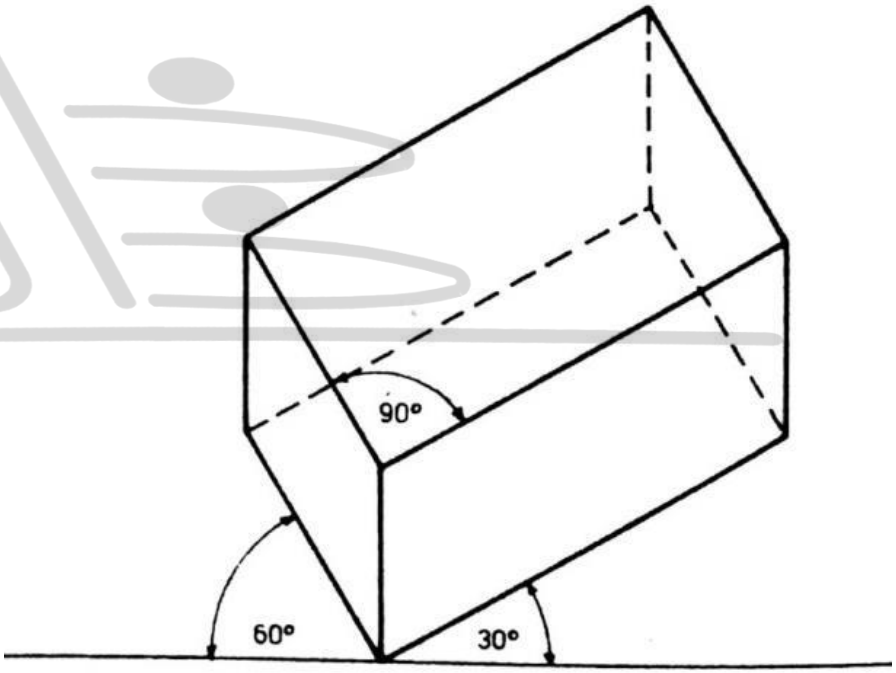
الطريقة المائلة (30°)



الطريقة المائلة (45°)

PARALINE DRAWINGS: OBLIQUE PROJECTION

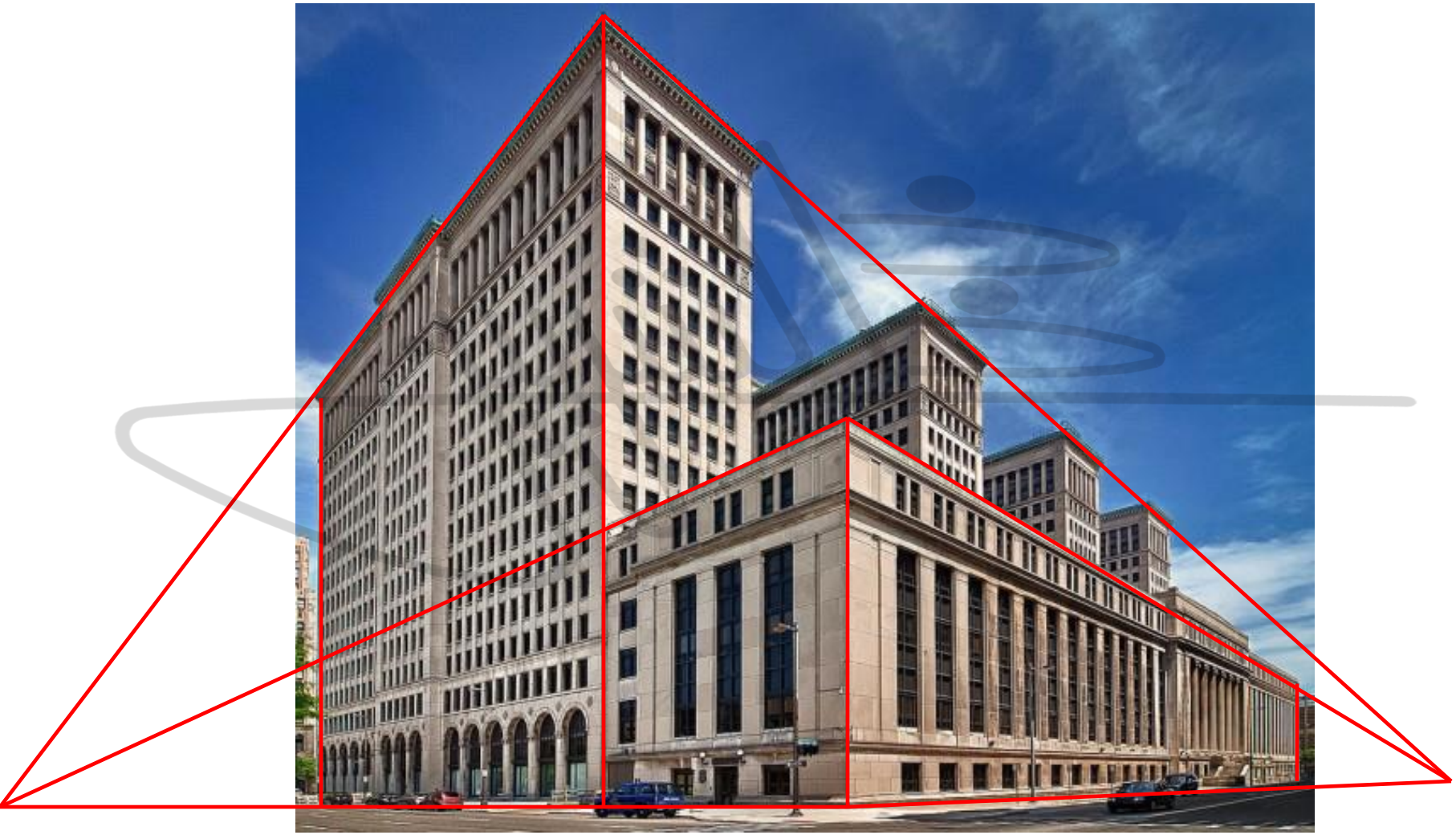




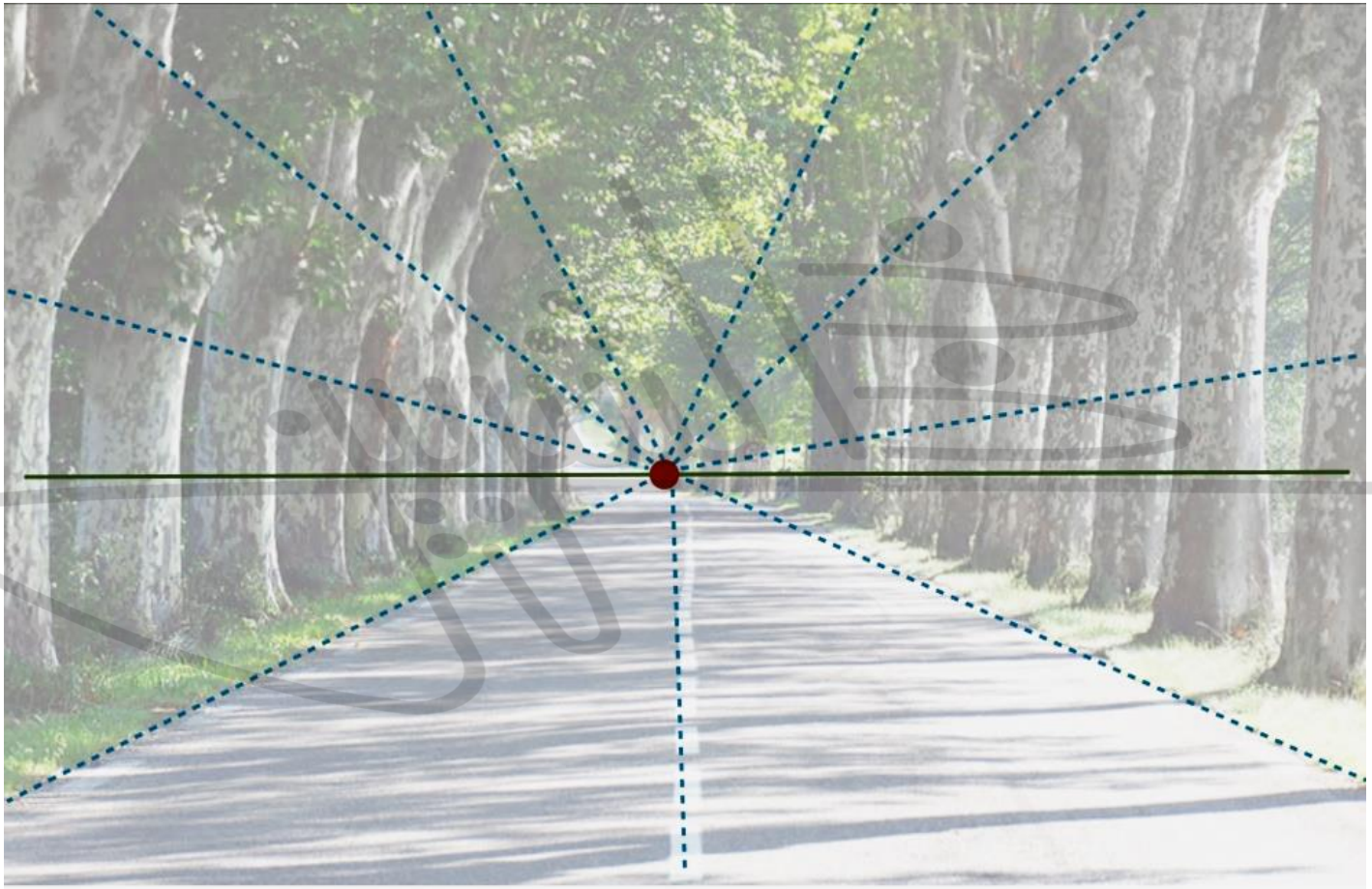
Representing 3D objects in two dimensions

Perspective Projection

Perspective Projection



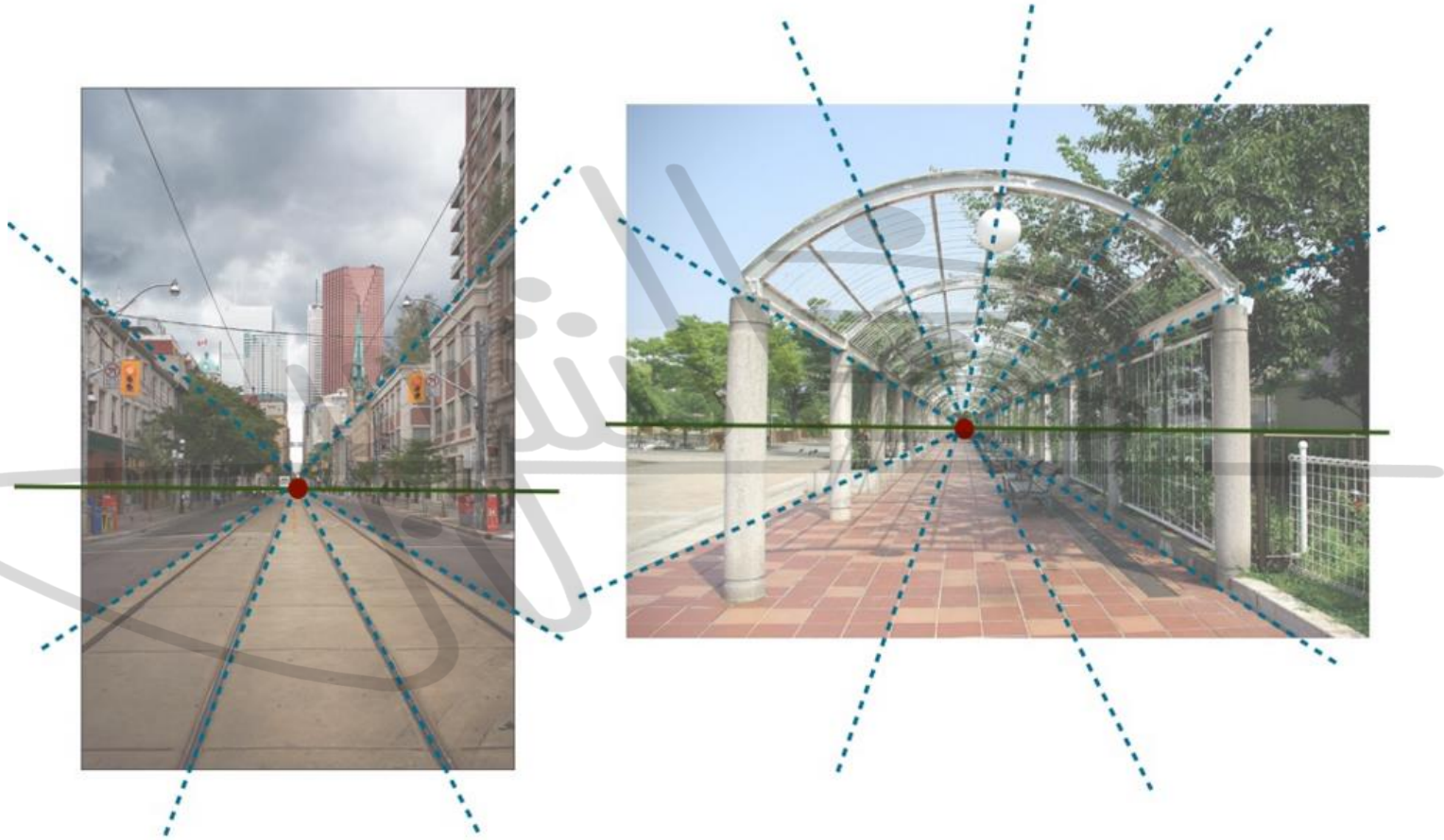
Perspective Projection



Horizon Line, Vanishing Points, Orthogonals

We can see them everywhere around us!

Perspective Projection

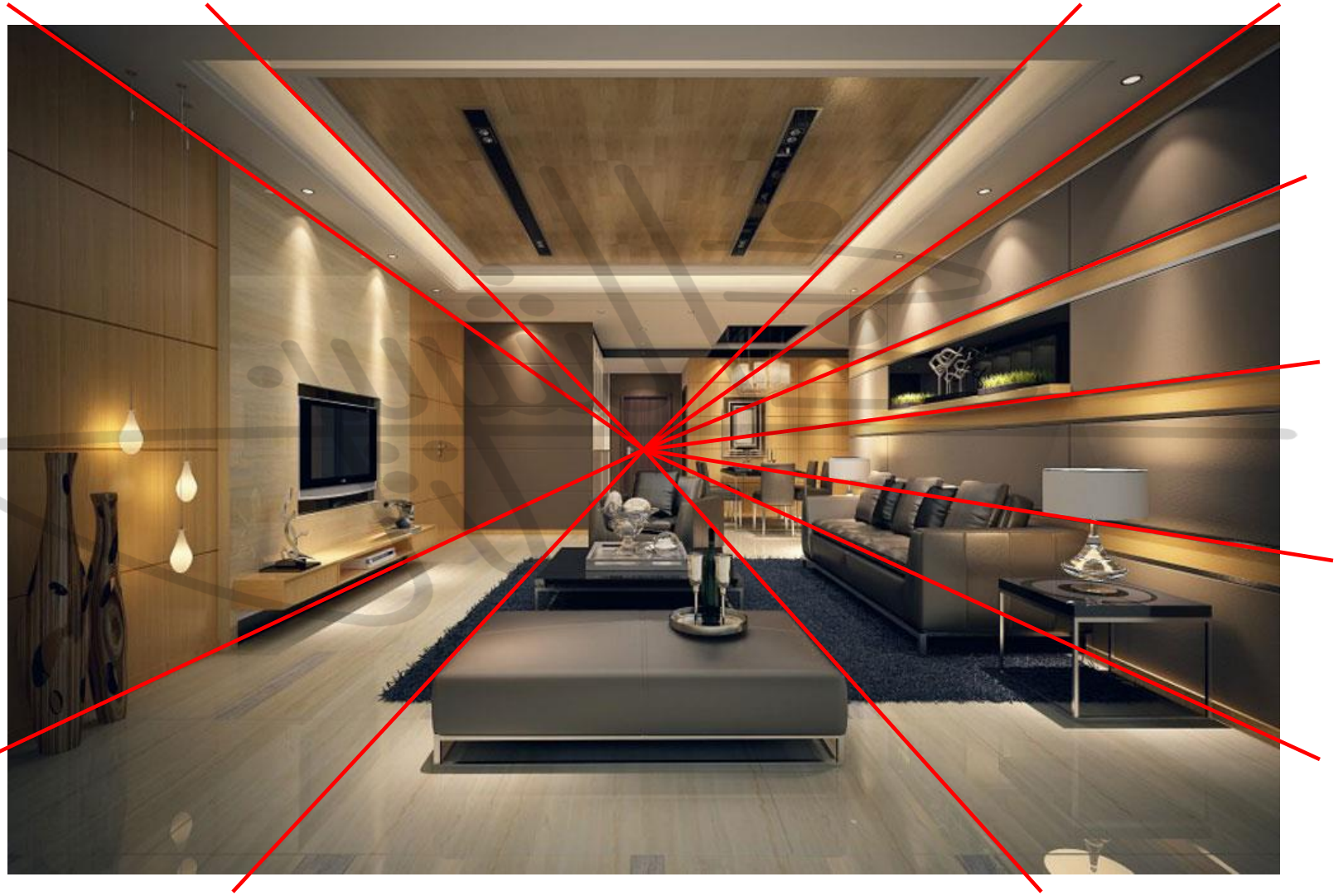


Horizon Line, Vanishing Points, Orthogonals

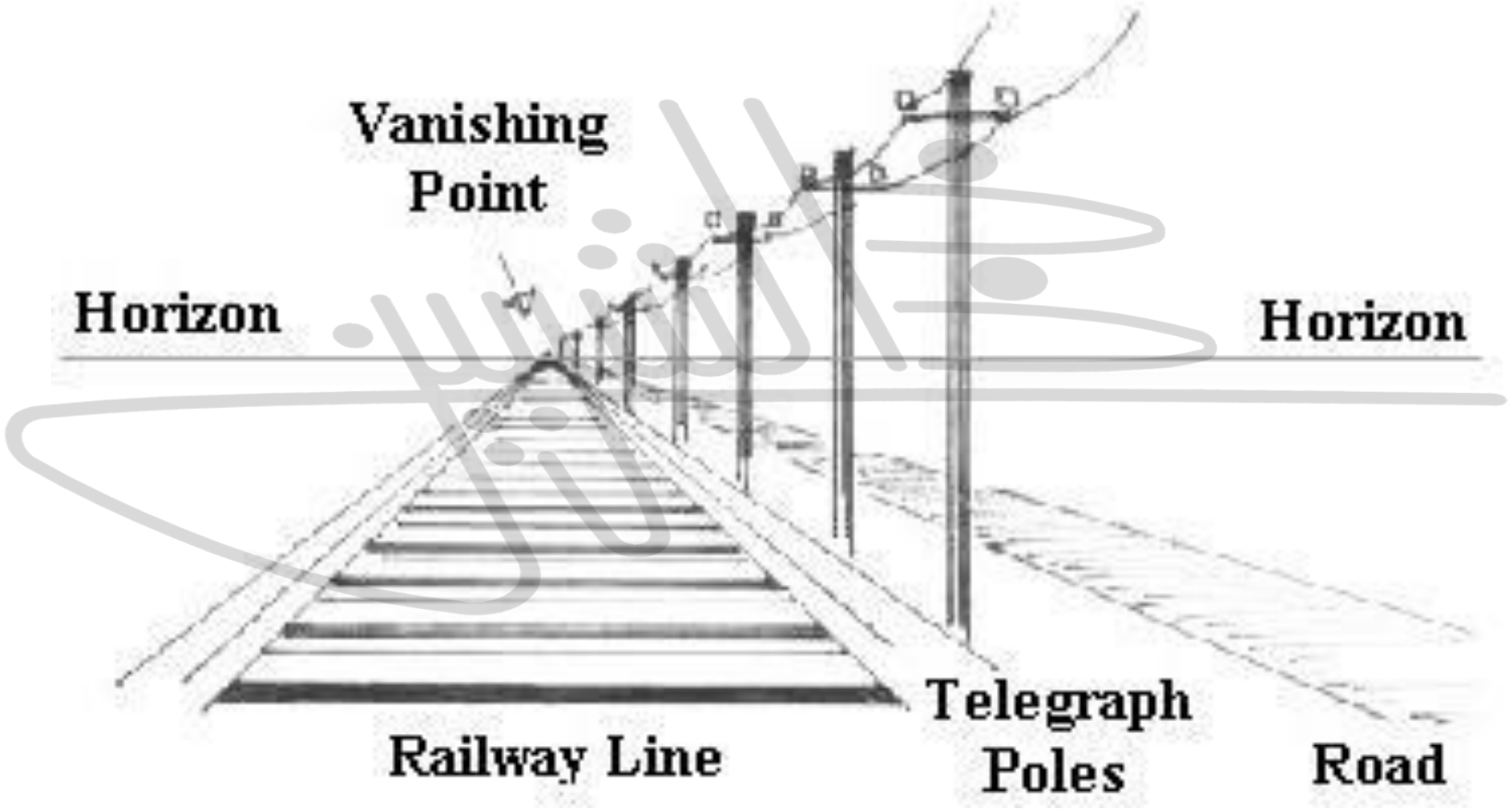
We can see them everywhere around us!

Types of Perspective

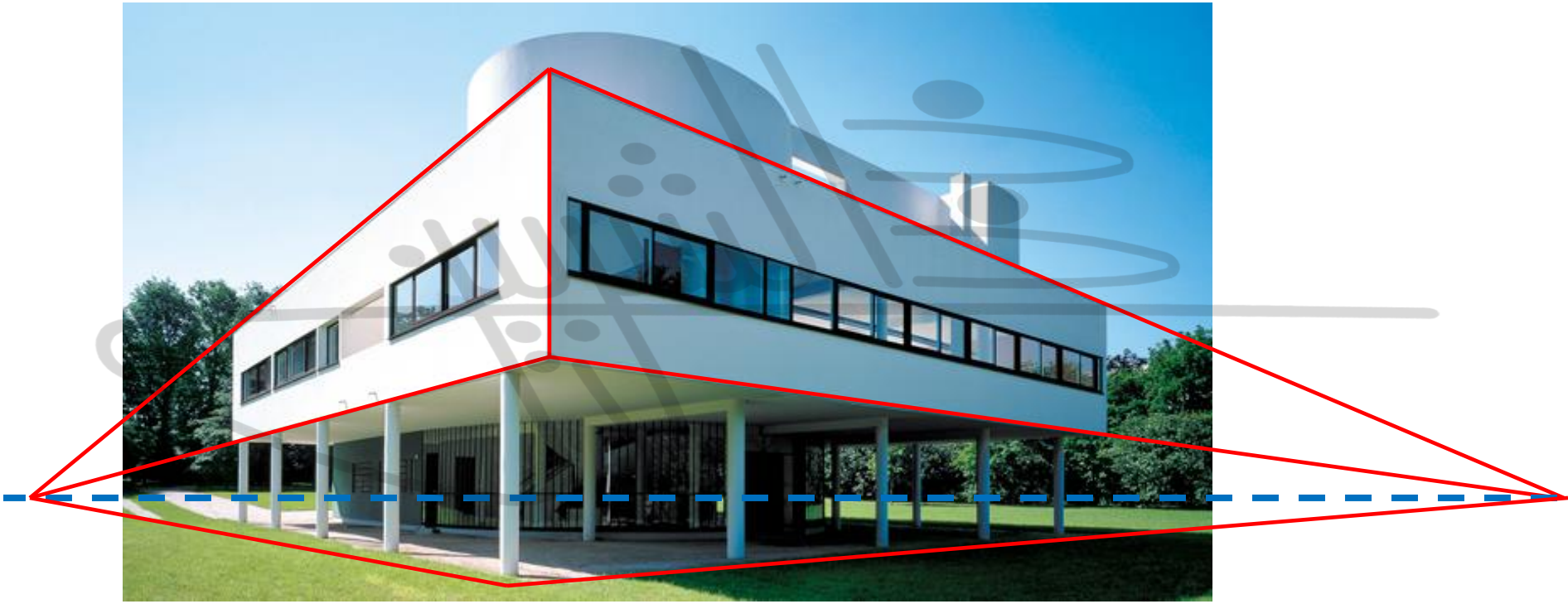
1) One-Point Perspective



1) One-Point Perspective



2) Two-Point Perspective



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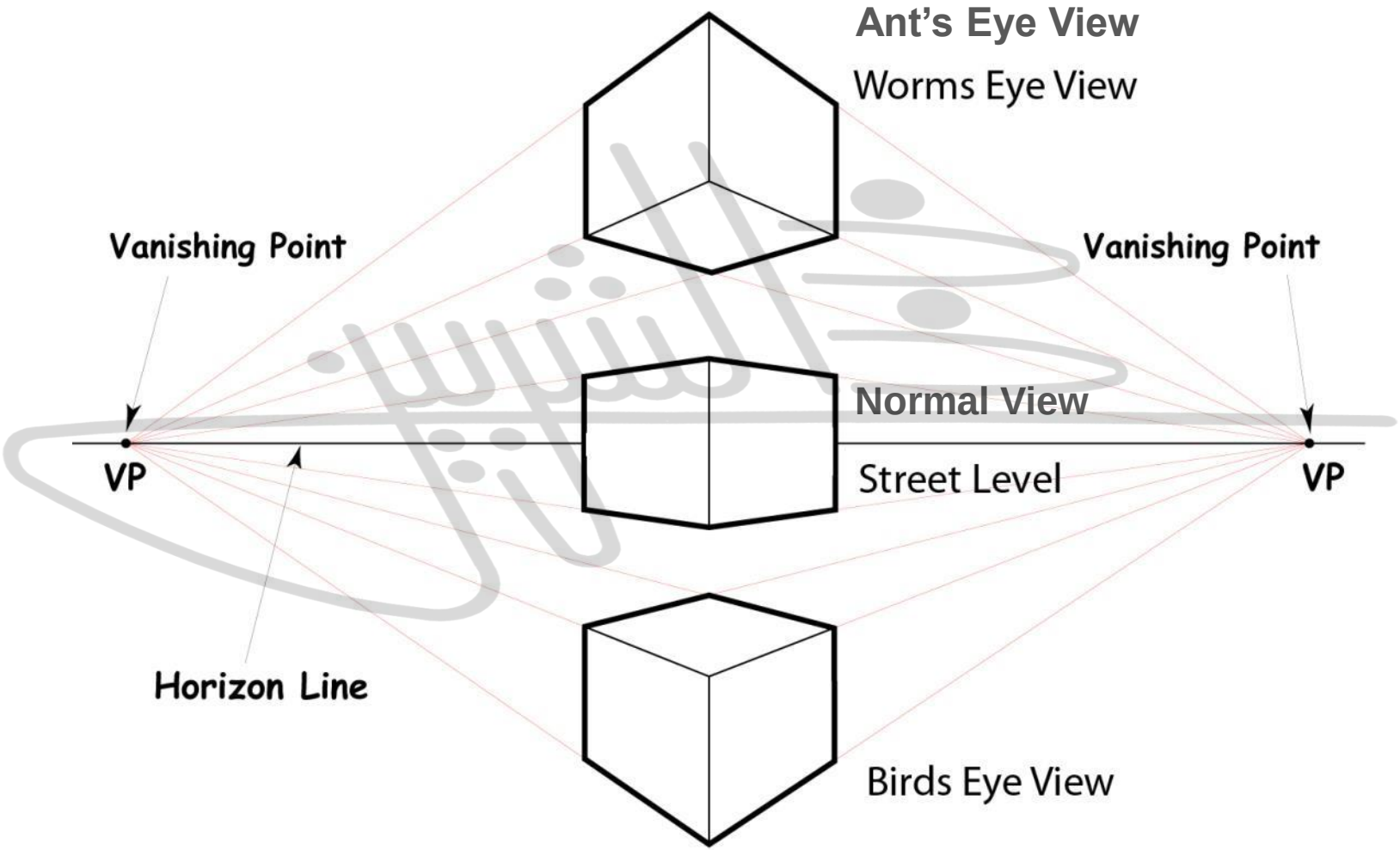

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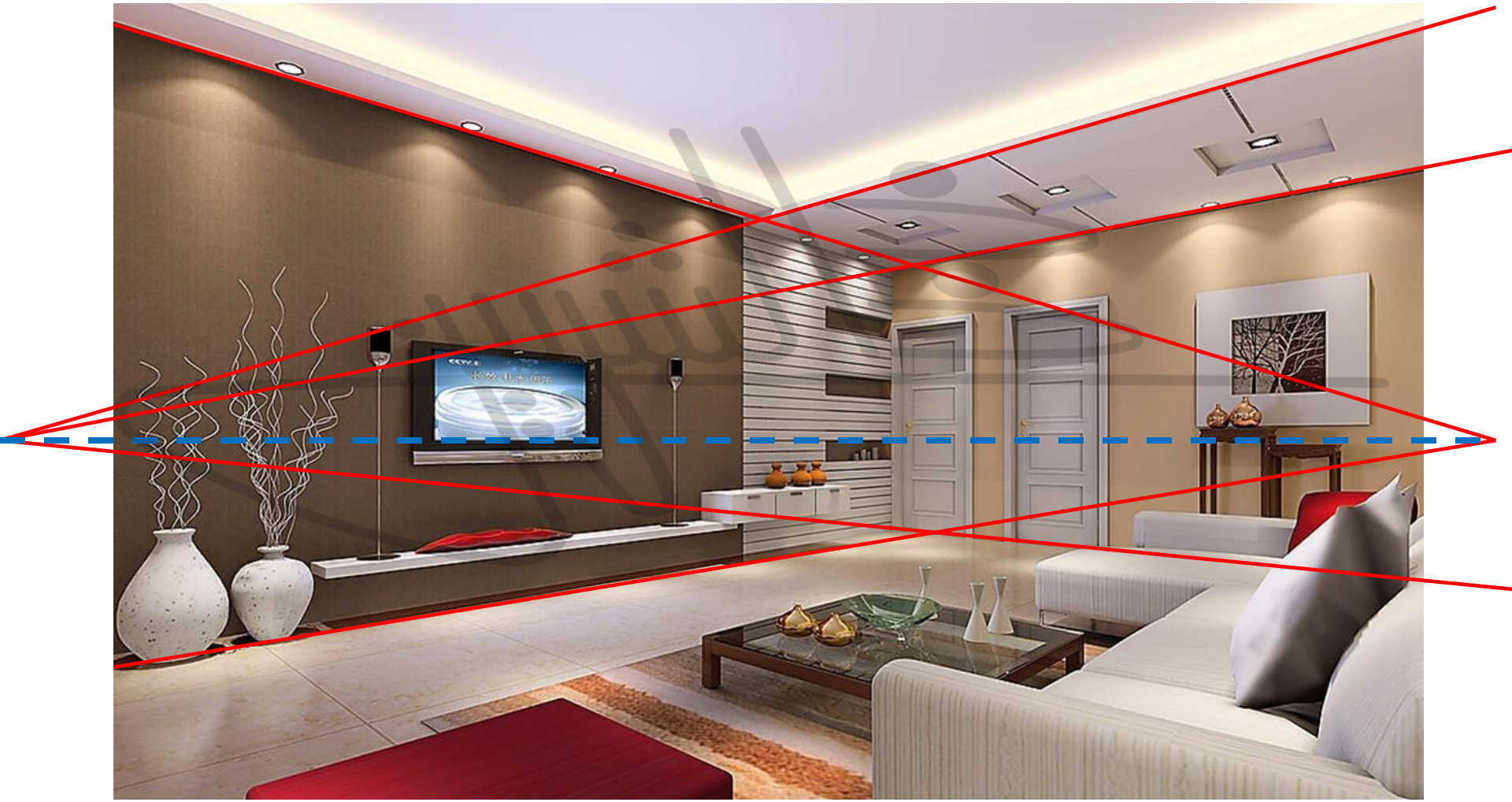

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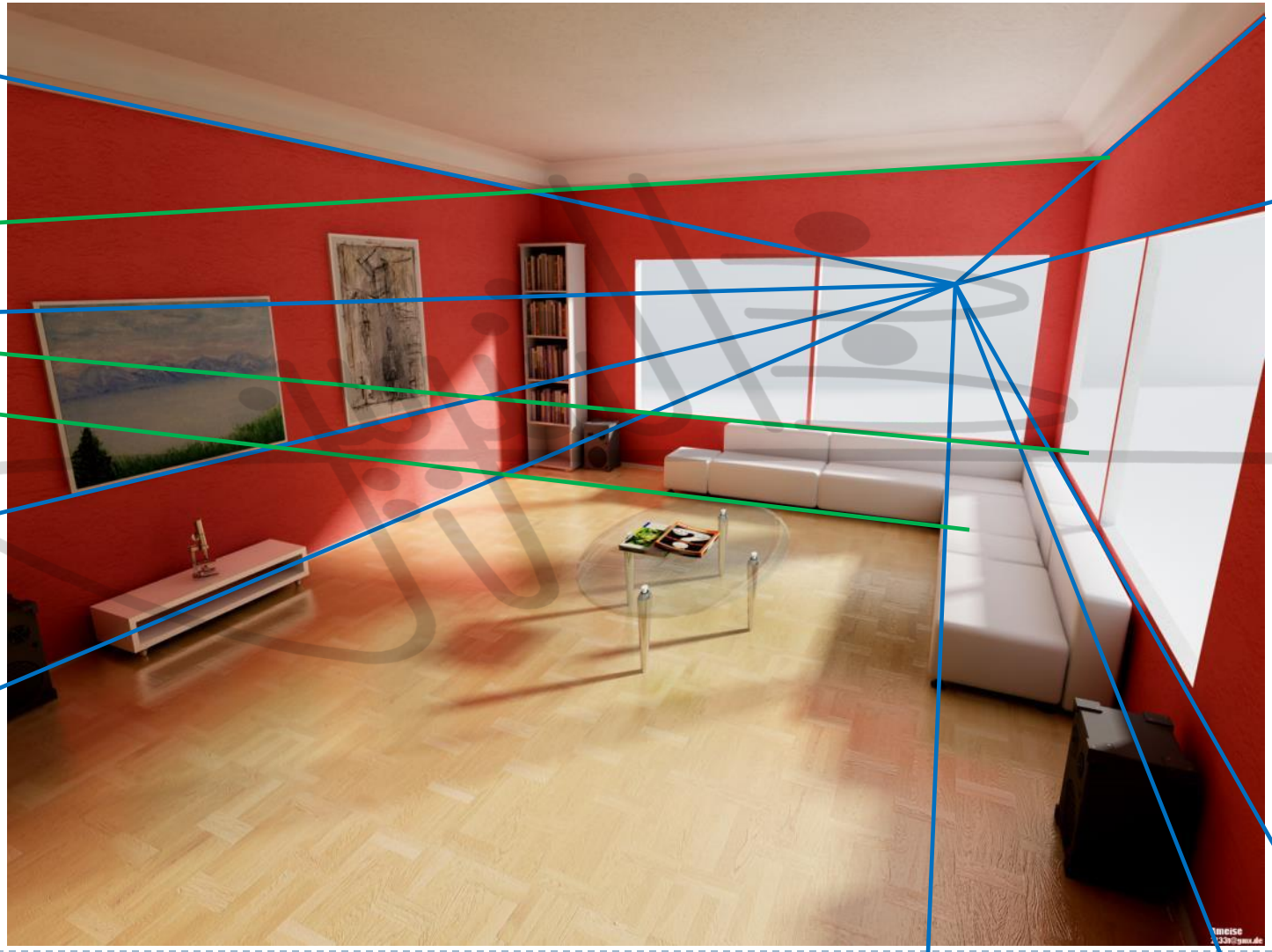
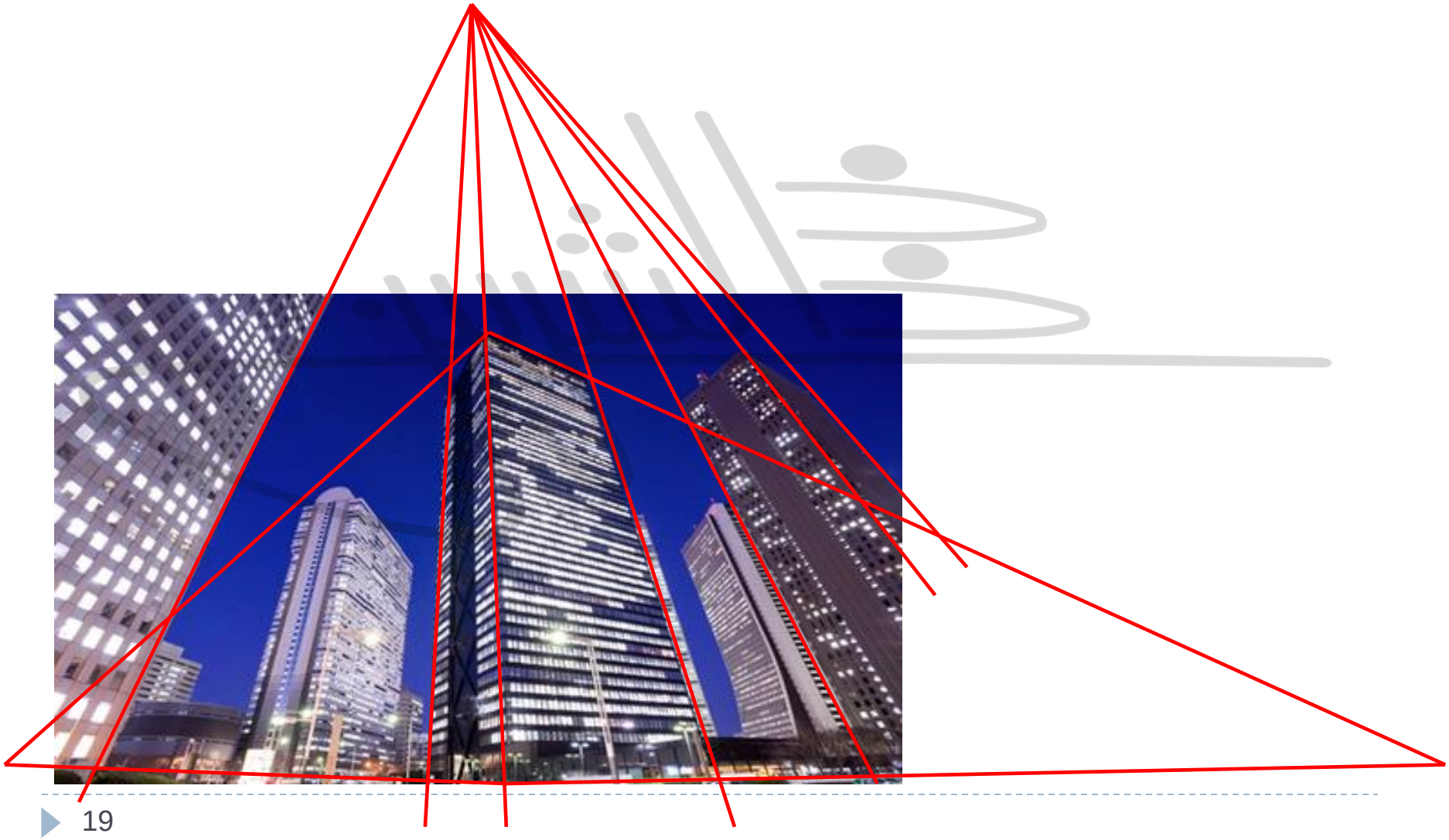


3) Three-Point Perspective



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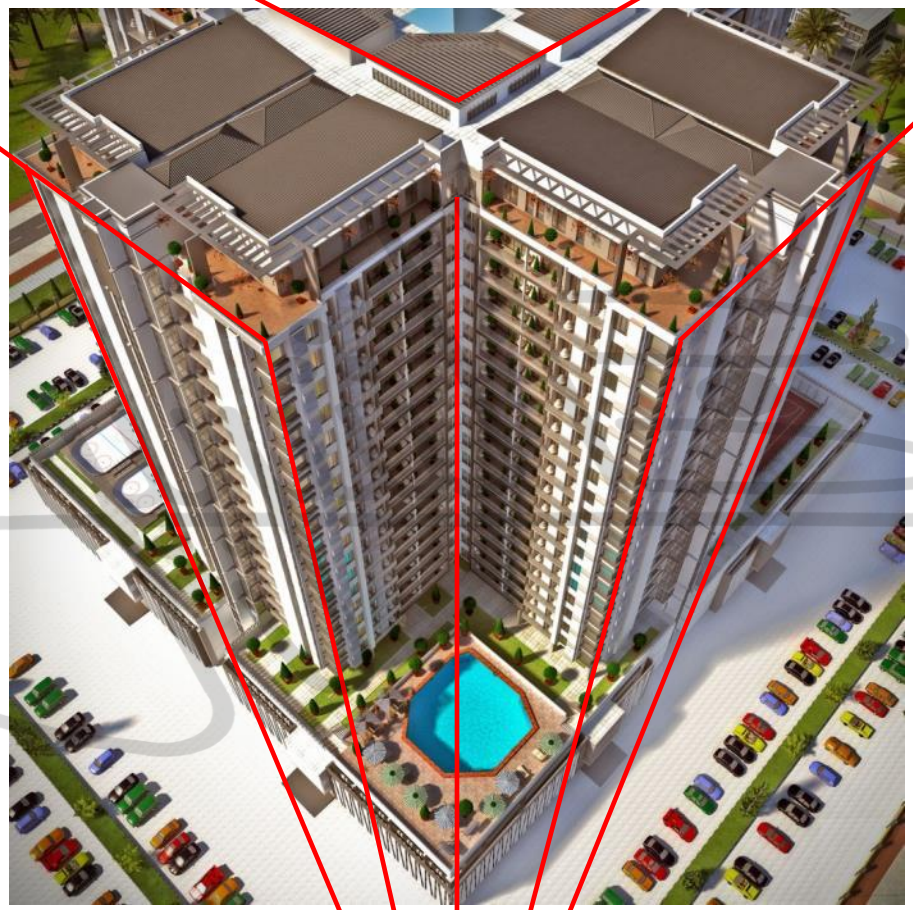

4) Multi-Point Perspective

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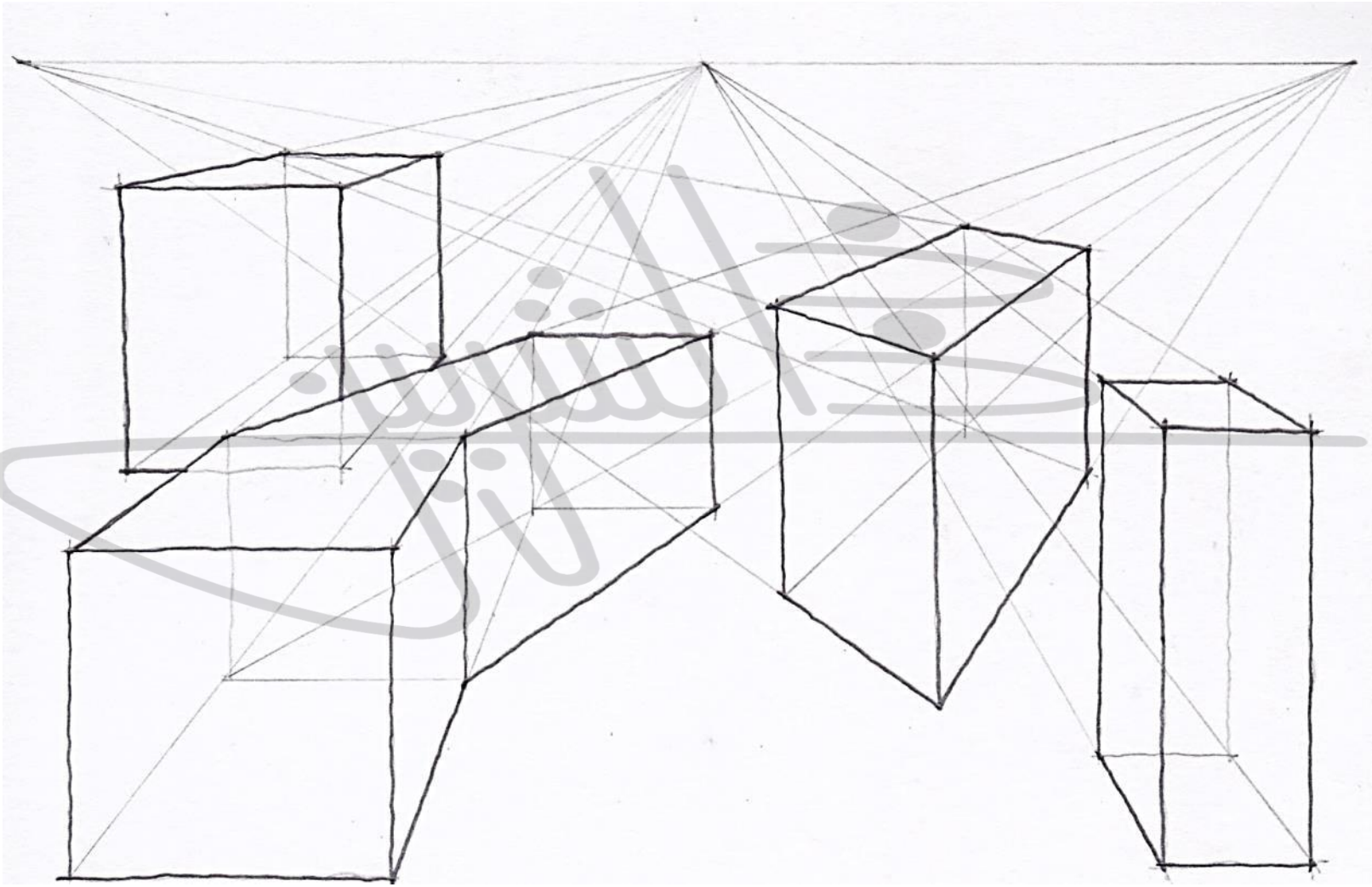
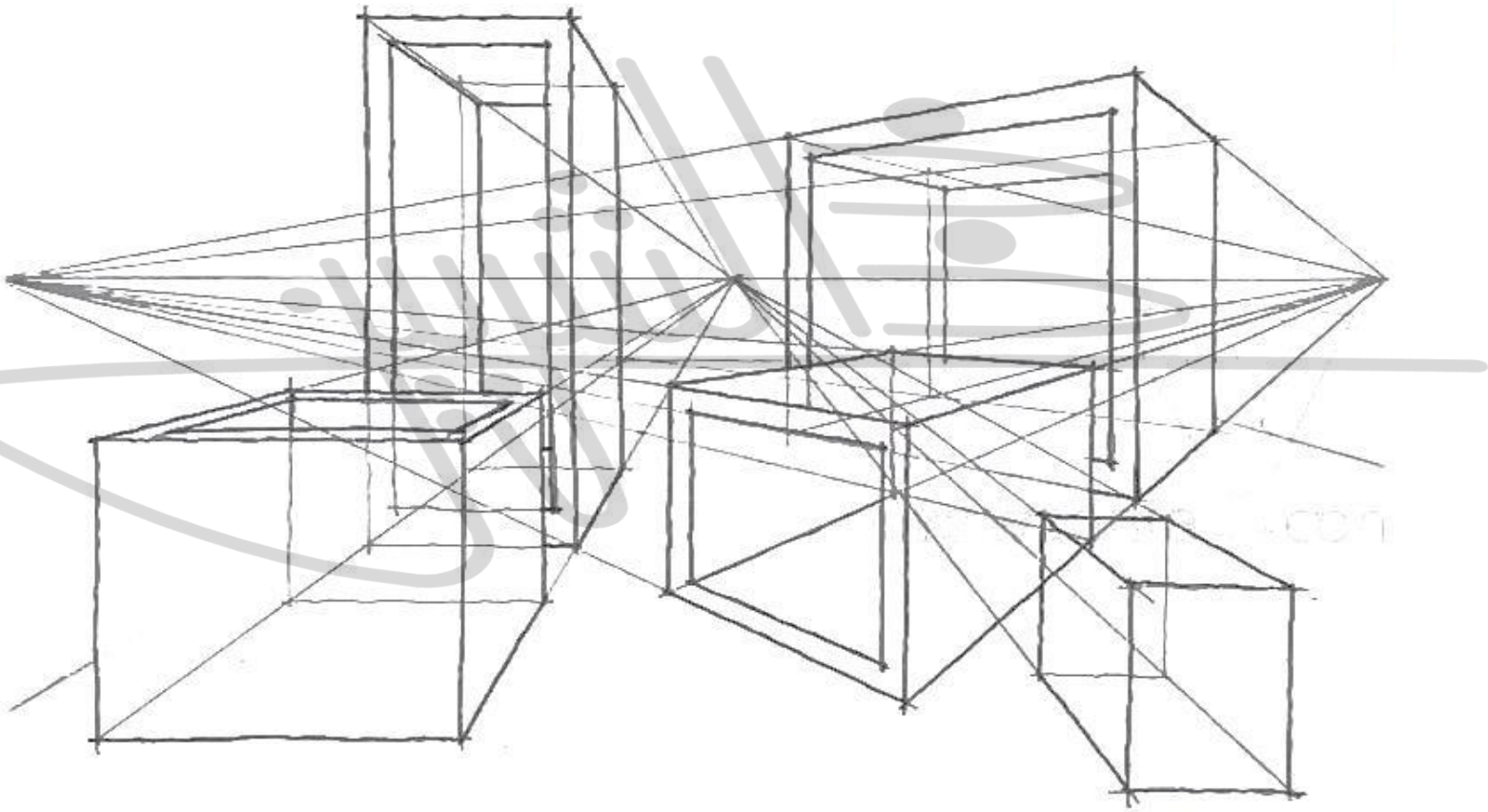
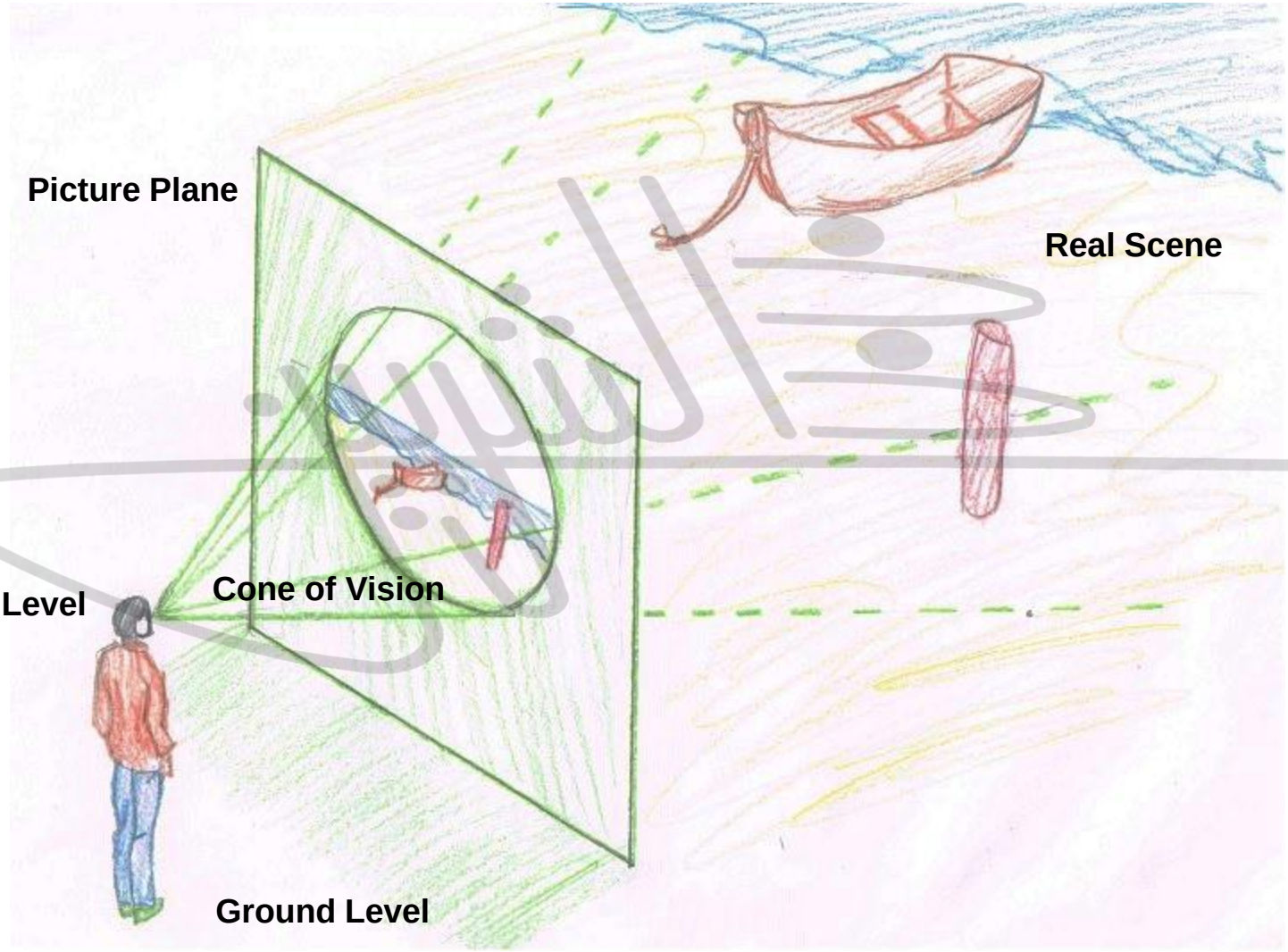


4) Multi-Point Perspective



Perspective Drawing

Principles of Perspective Drawing



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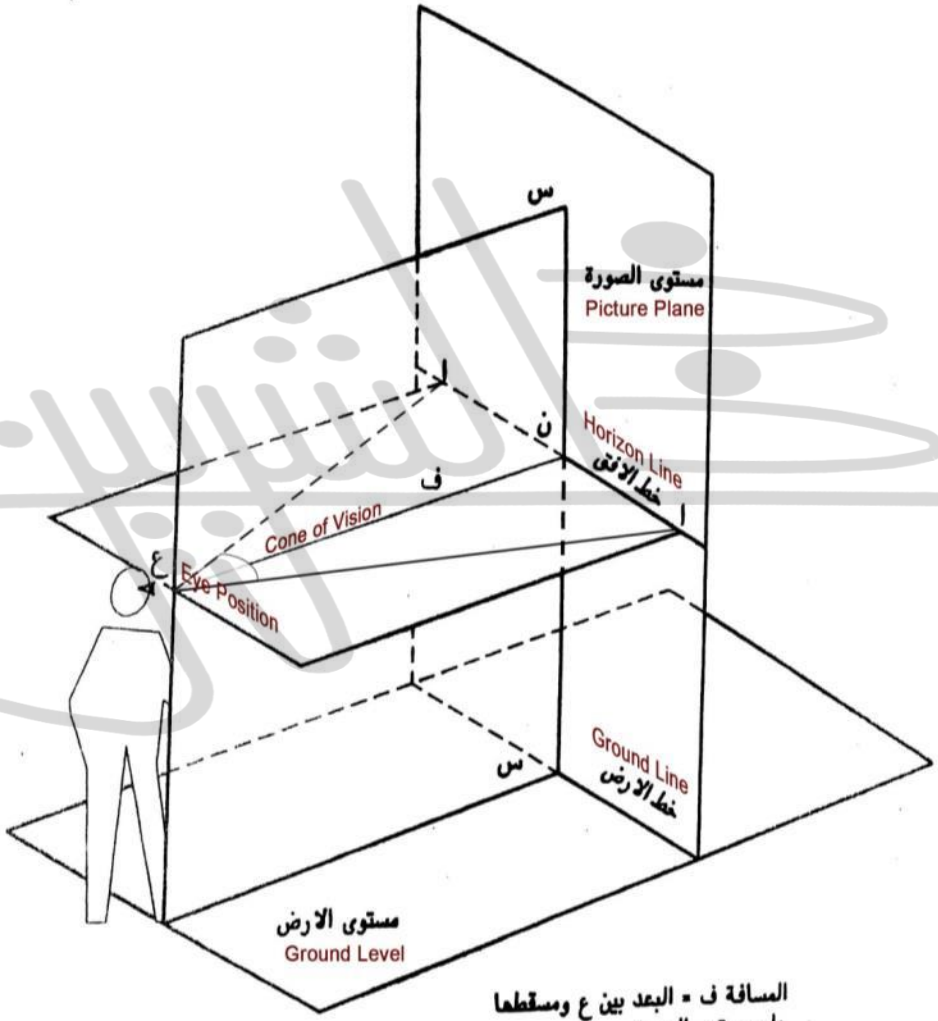
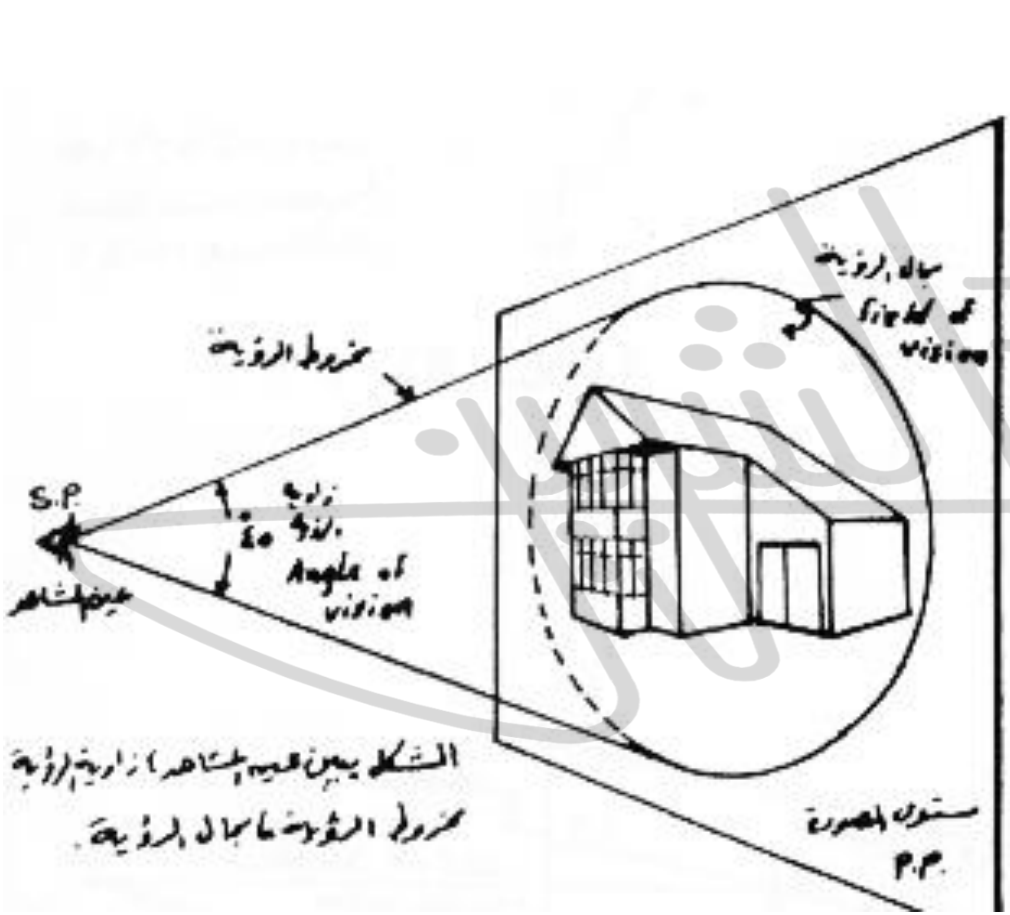
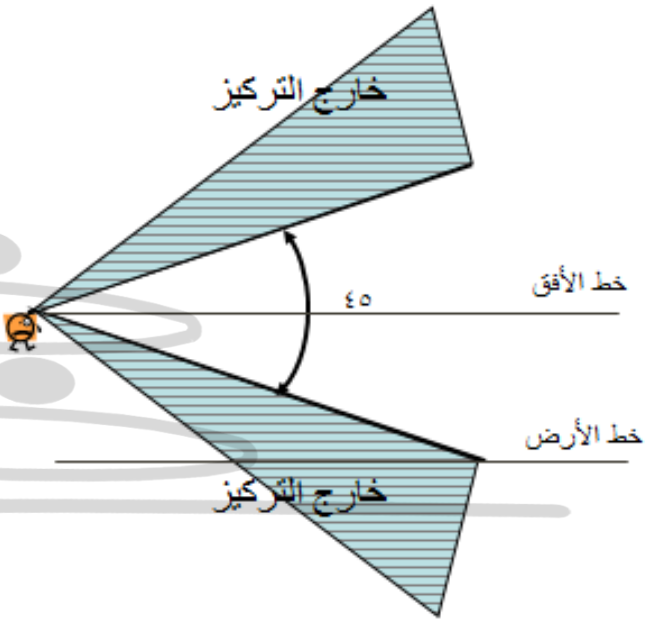
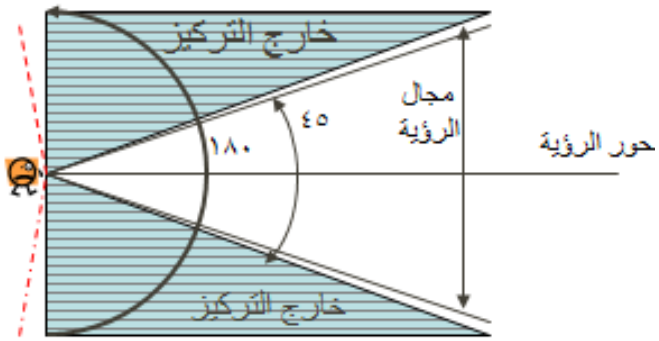


Cone of vision







المجال الحقيقي للرؤية اكثر من ١٨٠ درجة

1) Introduction to Perspective Drawing

2) Exterior of a Simple Building

3) Perspective of different shapes & compositions

4) Exterior of a Complex Building

5) Interior Perspective

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https://sites.google.com/view/archperspective