

# GEM Building Taxonomy Report

TaxT\_Farsi\_Mixed-System

Mohammed Farsi



## Taxonomy string:

DX /CR+CIP /LDUAL+DUC /DY /CR+CIP /LDUAL+DUC /YEX:2012 /HEX:10+HFBET:30,32 /COM+COM3 /BPD /PLFI /IRIR+IRPP:TOR+IRPS:TOR /EWMA /RSH1+RMN+RC+RC2+RWCP /FC+FC2+FWCP /

## Material type (direction 1):

Concrete, reinforced

## Material properties (direction 1):

## Lateral load-resisting system (direction 1):

Dual frame-wall system

## Material type (direction 2):

Concrete, reinforced

## Material properties (direction 2):

## Lateral load-resisting system (direction 2):

Dual frame-wall system

## Foundations:

Unknown foundation system

## Type of Irregularity:

Irregular structure

## Plan structural irregularity - primary:

Torsion eccentricity

## Plan structural irregularity - secondary:

No irregularity

## Roof shape:

Flat

## Roof system material:

Concrete

## Roof connections:

Roof-wall diaphragm connection present

## Floor system material:

Concrete

## Floor connections:

Floor-wall diaphragm connection present

## Exterior walls material:

Masonry

## Date of construction:

Exact date of construction or retrofit 2012

## Number of storeys above the ground:

Exact number of storeys 10

## Height of the grade above ground floor:

Range of height above grade 30-32

## Occupancy type - general:

Commercial and public

## Country:

Algeria

## Summary:

## Material technology (direction 1):

Cast-in-place concrete

## Material technology (additional, direction 1):

## System ductility (direction 1):

Ductile

## Material technology (direction 2):

Cast-in-place concrete

## Material technology (additional, direction 2):

## System ductility (direction 2):

Ductile

## Plan shape:

Irregular plan shape

## Building position within a block:

Detached building

## Vertical structural irregularity - primary:

Torsion eccentricity

## Vertical structural irregularity - secondary:

## Roof covering:

Concrete roof, no covering

## Roof system type:

Cast-in-place beam-supported RC roof

## Floor system type:

Cast-in-place beam-supported RC floor

## Number of storeys below the ground:

Unknown number of storeys

## Slope of the ground (for buildings on slopes):

Unknown slope

## Occupancy type - detail:

Offices, professional/technical services

## Region (province, state, etc.):

Algiers

This type of buildings with mixed lateral resisting system is the most buildings built or under construction in recent years in Algeria.