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## **SOME DISADVANTAGES OF THE ARCHITECTURAL DESIGN OF RESIDENTIAL BUILDINGS AND THEIR SOLUTIONS**

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### **ABSTRACT**

*Currently, creativity is developing rapidly. But, unfortunately, there are drawbacks in the construction industry: Climatic conditions, underground geology and wind direction must be taken into account when designing medium and high-rise residential buildings, especially in the construction of residential buildings. Also, residential buildings are built without the use of external enclosing structures, entrances and other elements that protect them from excessive sunlight. On improving the design of residential buildings, taking into account the above factors.*

**KEYWORDS:** *Orientation, Temperature, Operation, Dew Point, Hygroscopic Humidity, Condensation*



**REFERENCES**

K.V. Babievsky. "Typology of a building" Tashkent.: Teacher, 1986.

Barshch M.O., Lisitsyan M.V., Turgenev V.P., Fedorova N.V., Architectural design of Zhiliks buildings M., 1984

Barksin B.G. Methods of architectural design M., 1982

Kiselevich L.N., Kosakovsky A.A., Reksina O.I. "Housing construction in a bright climate abroad, M., 1965".

Yarkina Z.N., Khachatryan K.K. Social foundations of an architectural project. tirovanie Moscow Stroyizdat 1990

I.E. Rogin et al. "Architectural design of public buildings and structures. Moscow Stroyizdat 1985.

SNiP Residential Buildings official publication / Uzbek-Russian / Tashkent 1996