The effect of quality of closed educational space on the amount of user sense of community
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Abstract
Given the basic human needs in various social, emotional, intelligence and physical dimensions, the present learning environment is far from reaching the living and active space to encounter, experience, etc. Different studies indicate that the sense of community has the greatest impact on the individual participation in the environmental performance. The sense of community is multidimensional. According to the available literature, the five-dimensional model, consisting of the richness of place, social ties and interaction, collective activity, security and sense of belonging, and identity, is considered as one of the most effective criteria for estimating the sense of community. To assess the theoretical model, three schools were selected from high schools of Tehran City, and appropriate questionnaires were distributed among them. The research sample included 750 individuals who were selected using a multistage cluster sampling method. The results indicated that the content analysis method was used for classification of views in theoretical section; and the case study method was applied for conducting the research. The research method was a factor analysis. The factor loading of each measure determined in the theoretical model, and ultimately, 11 final solutions were explained for designing the educational space.

Table 1. Mean assessment of the sense of community of the school

<table>
<thead>
<tr>
<th></th>
<th>Buali</th>
<th>Alborz</th>
<th>Alimohammadi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sense of community</td>
<td>3.4679</td>
<td>3.2268</td>
<td>3.5463</td>
</tr>
</tbody>
</table>

Table 7. Mean of The richness of the place

<table>
<thead>
<tr>
<th></th>
<th>Buali</th>
<th>Alborz</th>
<th>Alimohammadi</th>
</tr>
</thead>
<tbody>
<tr>
<td>The richness of the place</td>
<td>2.8605</td>
<td>3.3286</td>
<td>3.2657</td>
</tr>
</tbody>
</table>

Conclusions
In this part of the research, relying on research findings in relation to prioritization based on the variables studied, we will present principles in relation to the creation of different capabilities in a school that will be implemented by designers and field architects using these principles in school design. A college of feelings for students is provided.
Attention to the aggregate elements of individuals in the collective space
Attention to shared structures and values among individuals
Paying attention to the design of communal spaces such as the original Hall of Fame
Pay attention to the elements and details of the architecture, such as the platform and the space to sit in the hall with a favorable position
Social features and recognition of people
Paying attention to the scientific and non-scientific activities in the community
Memorable spaces
Visibility and public space surveillance