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A MODERN FRAME LOOM BASED ON MOVING WARP AND ITS BENEFITS AS AN ENTRANCE TO STUDYING HAND WEAVES

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Abstract of the Research

The title of the study is “*Benefiting from creating a frame loom based on moving warp as an approach to teach manual weaving*”.

The study investigated the warp as a plastic element not just as a means for the completion of weaving process. This was done through the movement of warp thread groups and the consequent various plastic possibilities, methods, elements, and techniques that was difficult to be implemented on a normal frame loom.

The researcher also got benefited from creating a frame loom based on moving the warp in the application of student experiment through a teaching unit applied to a sample of students from the third year.

Through studying the above factors, the researcher sought to promote the students’ creativity capacity, getting away from routine forms of works.

This was achieved by:

- Investing the link between the movement of warp groups and the element of space.
- The existence of multidirectional warps showing movements in the work.
- Creating double weaving in the work.
- The existence of embodied weaving effects in the work.
- Structuring and overlapping occurred in levels of the work.
- Unity between the woven areas and the space in weaving work.
- Matching the woven areas and the space in the weaving work.
- The harmony between form and ground of the work.
- Variability of the geometric construction.
- Creativity in form and color.
- Harmony resulted from the movement of warp.
- The existence of felt relief on the surface of the work.

All this was achieved and verified to be true.