



Weaving

Weaving Project Assignment

SAMPLE DUE: *Mon., Sept. 24*

FINAL WEAVING DUE: *Mon., Oct. 15*

1. Construct your loom - at least first 20 inches should be your weaving sampler. Experiment!
2. Make Horizontal Lines.
3. Make Vertical Lines
4. Weave shapes using interlocking, dovetail and slit methods.
5. Experiment with creating pile, such as soumak or rya knots.
6. Incorporate alternative materials into the weaving.
7. Remove your sample weaving from loom and finish the ends.

Your sample weaving will be critiqued in class on Sept. 24.

8. Retie your warp and create a Final Weaving. The Final Weaving must be at least 36" in length.

The Final Weaving will be critiqued on Oct. 15.

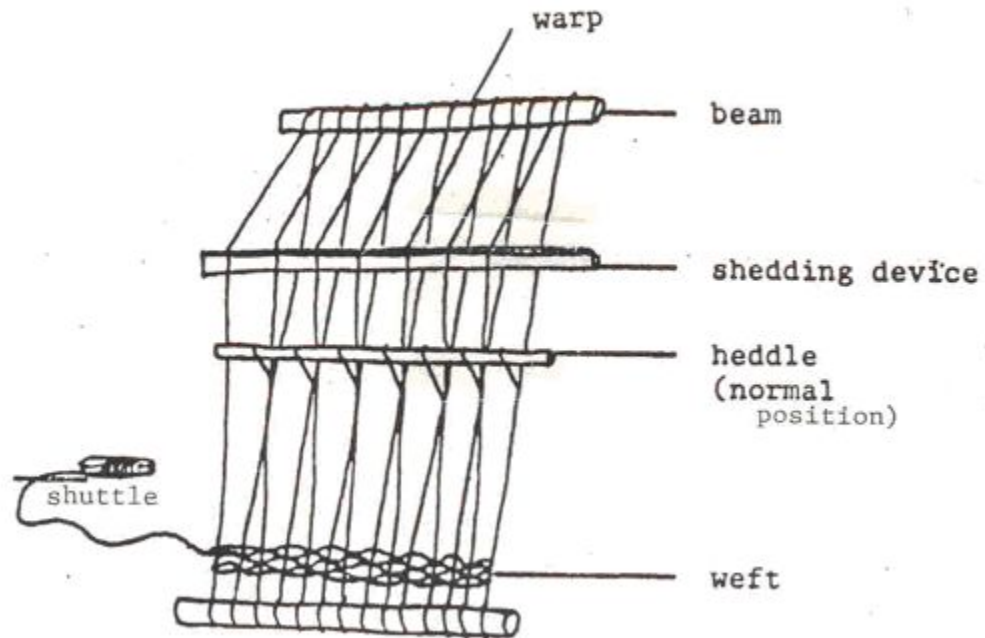
All weaving is the negotiation of a 90-degree intersection of vertically and horizontally running threads.

Brief history of Weaving



- ~7000 BCE, earliest woven fabric found in Anatolia (Turkey)
- Also appears in China, Peru and Egypt

Basic Loom Terminology





carpet loom



backstrap weaving



Navajo weaver in Arizona, North America



Weighted warp loom of the ancient Greek



Weighted warp loom of the Sami people of Norway



Swedish warp weighted loom used in rural regions up until as late as 1960s



weaver in Vietnam



weaver in Ecuador



Weaver in China



weavers in Guatemala

WEAVING TECHNIQUES

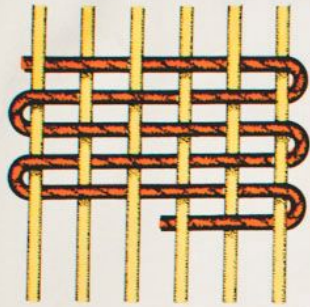


Fig. A Tabby Weaving

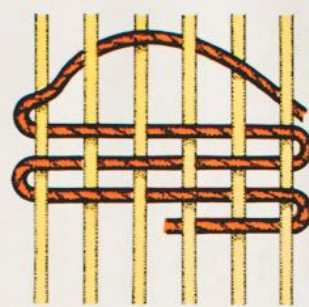


Fig. B Bubbling

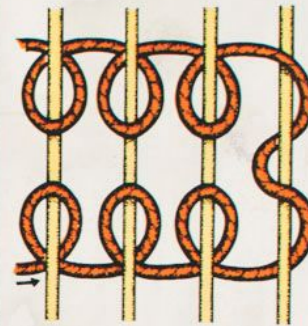


Fig. C Egyptian Knot

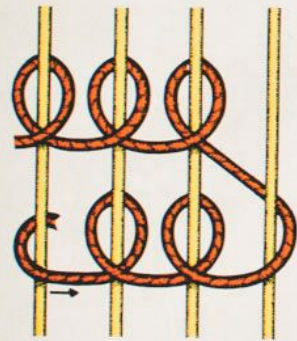


Fig. D Soumak

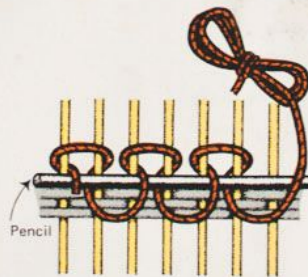


Fig. E Rya on a Pencil

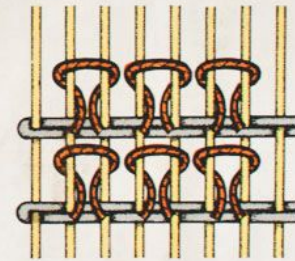


Fig. F Rya (Shag)

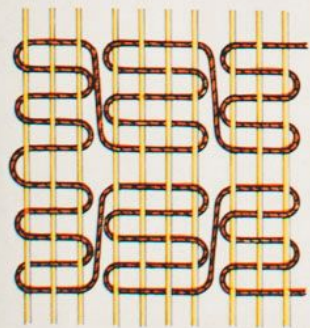


Fig. G Spanish Lace

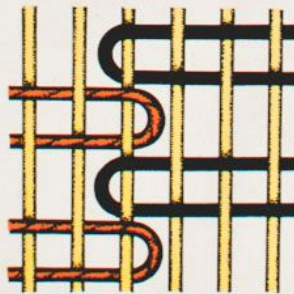


Fig. H Interlocking

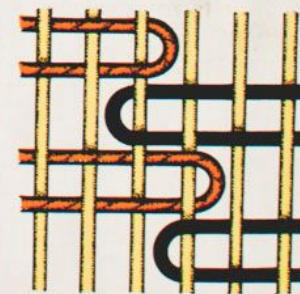


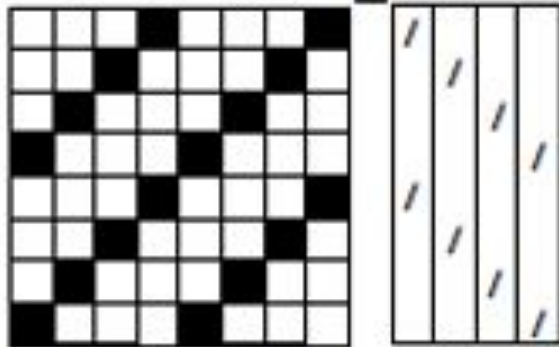
Fig. I Diagonal Interlocking



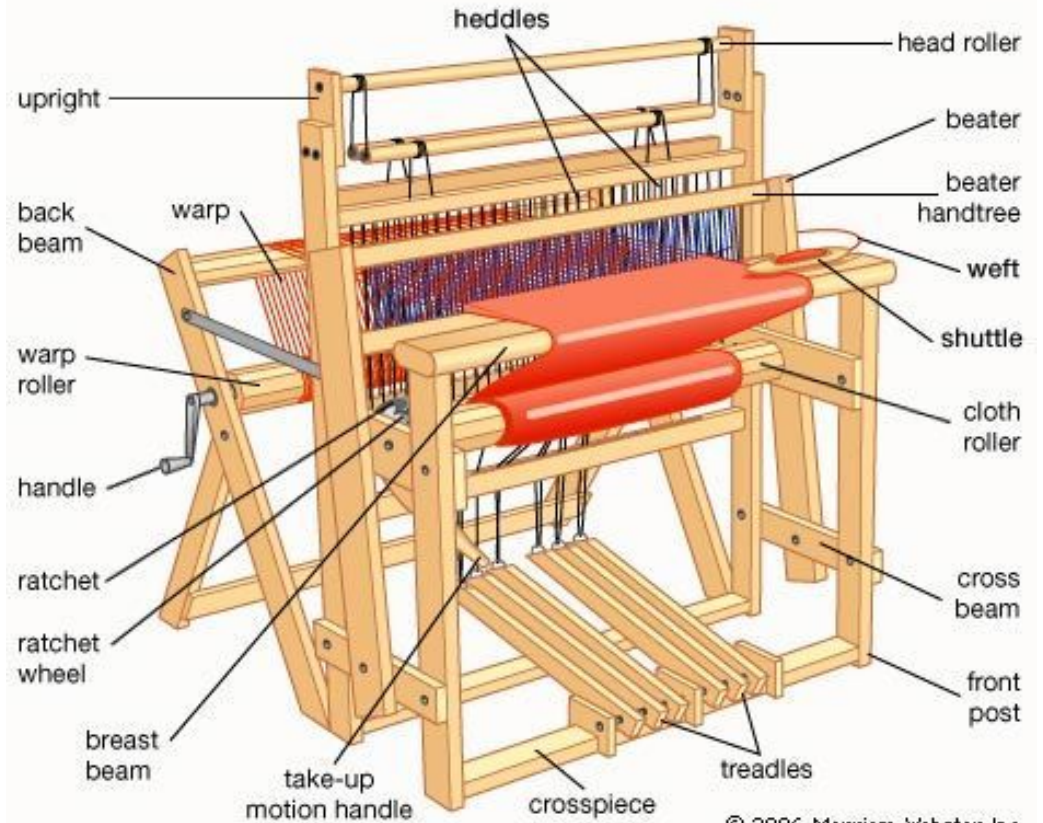
1. A basic draft

4		4			
3		3			
2		2			
1		1			

1	2	3	4
			4
		3	
1	2		



★ = the "you are here" square



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Weaving Studio at Penland craft school in North Carolina



Saori Weaving Studio in Osaka, Japan



1184-2170
robertharding.com

Weaver in Nigeria

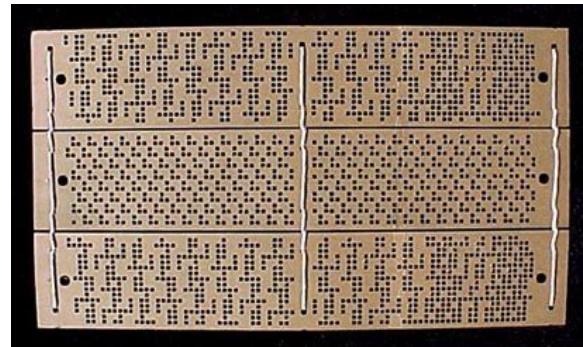
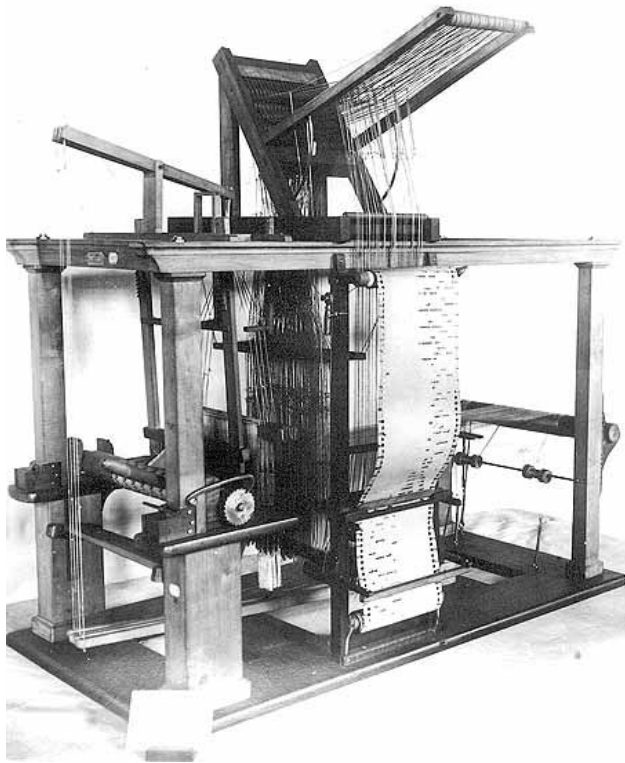


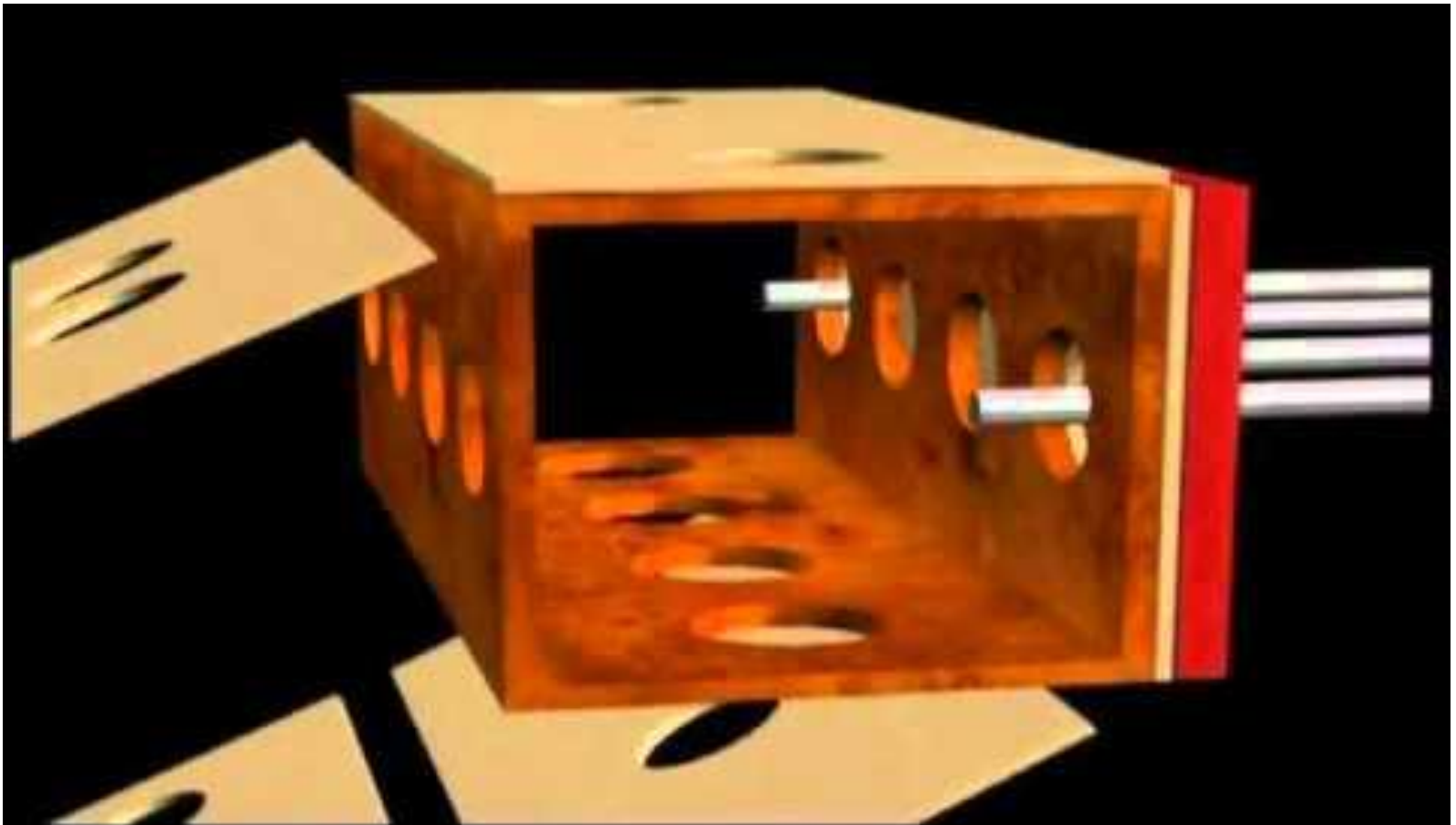
weaver using traditional loom in South Korea



Fine Ramie weaving in Korea (traditional methods)

Jacquard Loom - 1803





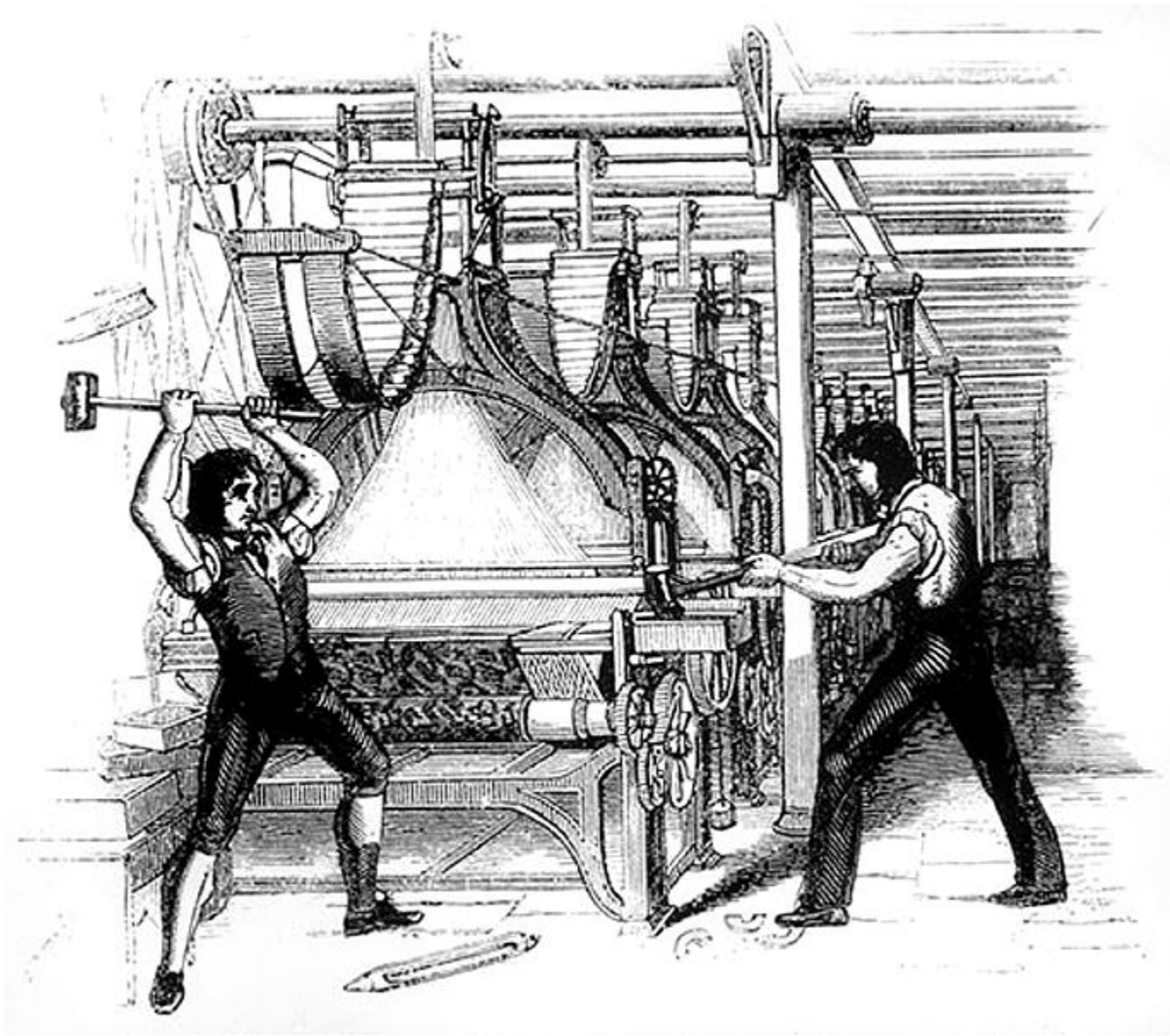
Holes in the cards control which threads are raised for weaving the pattern



Weaving in India with specialized Jacquard Looms present day

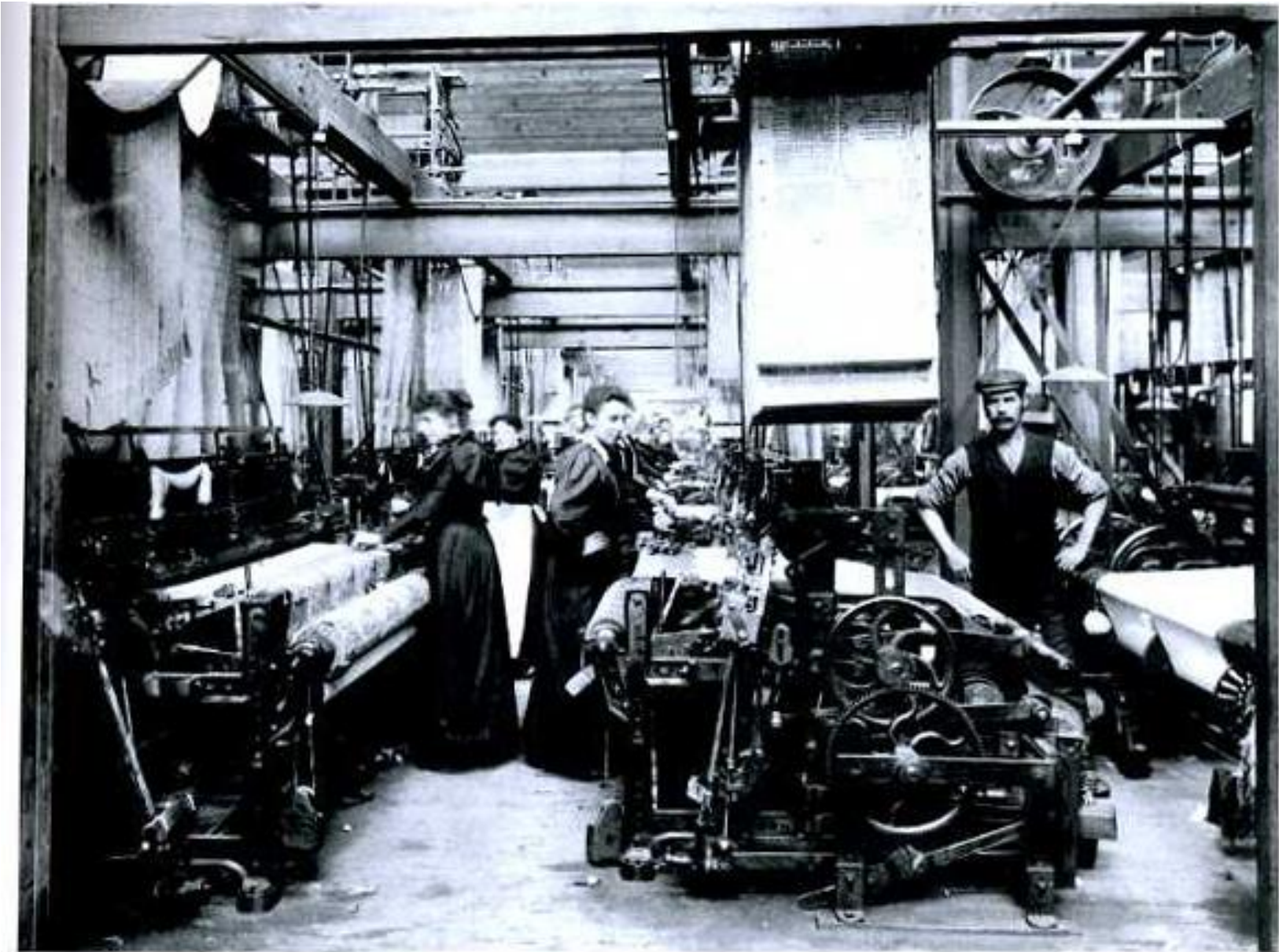


Weaving in England with specialized Jacquard lace loom, early 20th century



Luddites - Frame Breaking

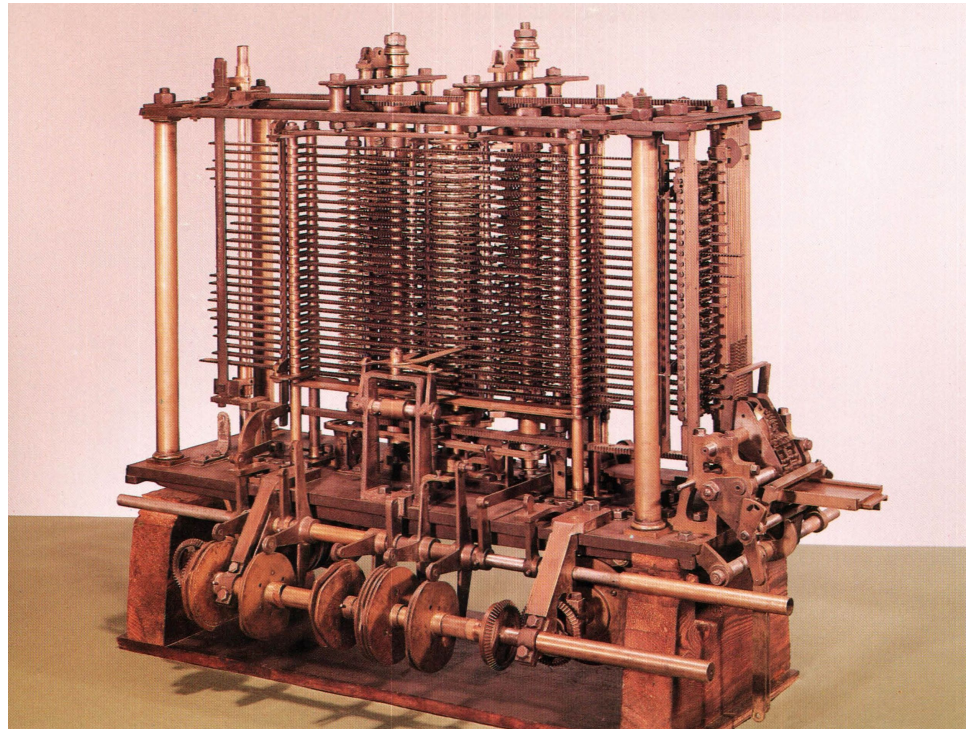
The Luddite movement began in Nottingham and culminated in a region-wide rebellion that lasted from 1811 to 1816. Luddites feared correctly that the time spent learning the skills of their craft would go to waste as machines would replace their role in the industry.



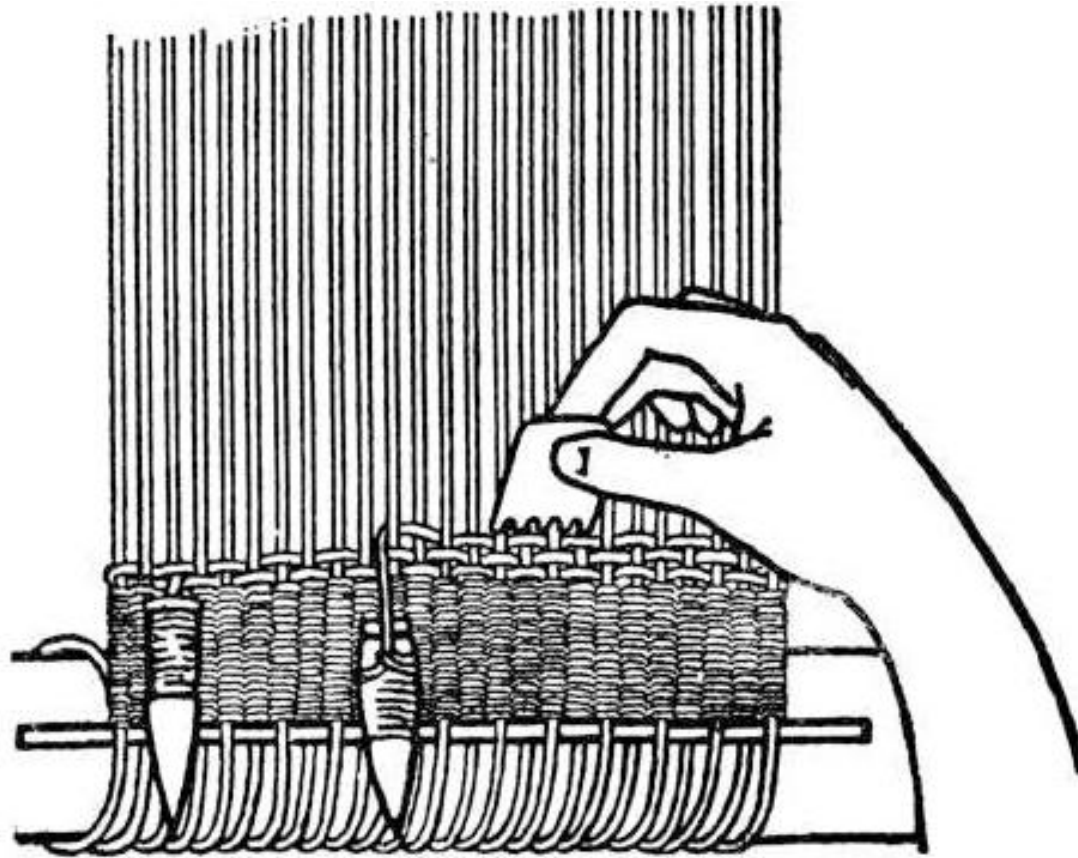
English weaving factory, 19th century

Weaving and Computing

- Using punch cards to store and control sequence of operations
- 1837: Charles Babbage and Ada Lovelace, Analytical Engine, first general purpose machine



Tapestry





What do you see?

Tunic with Crescent Headdress Figures and Felines c 1450-1550
Geography:Peru Culture:Chimu Medium:Camelid hair, cotton





Tasseled Tunic, 1100–1250

Peru, north coast, Chimú style

Camelid hair, cotton; tapestry weave and tassels;



Tunic with Confronting Mythical Serpents, ca. 800–850
Peru, south coast, Nasca-Wari style
Camelid hair; tapestry weave; 21 1/2 x 43 1/2 in. (54.6 x 109.9 cm)



Coptic fragment with goddess Egyptian circa late 3rd to 4th century





Egyptian Coptic fragment 4th-6th century linen and wool

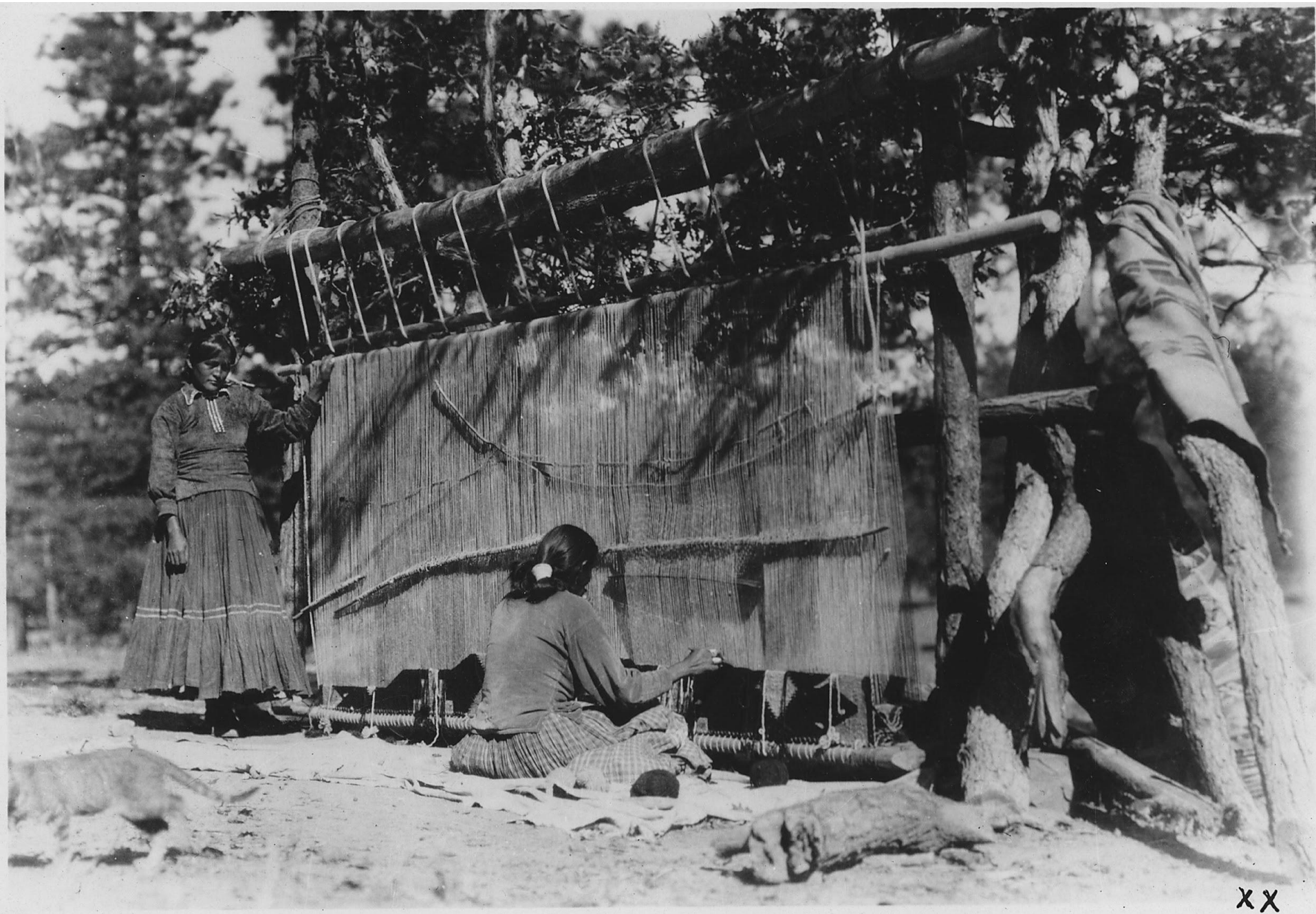




Rug Weaver in Turkey

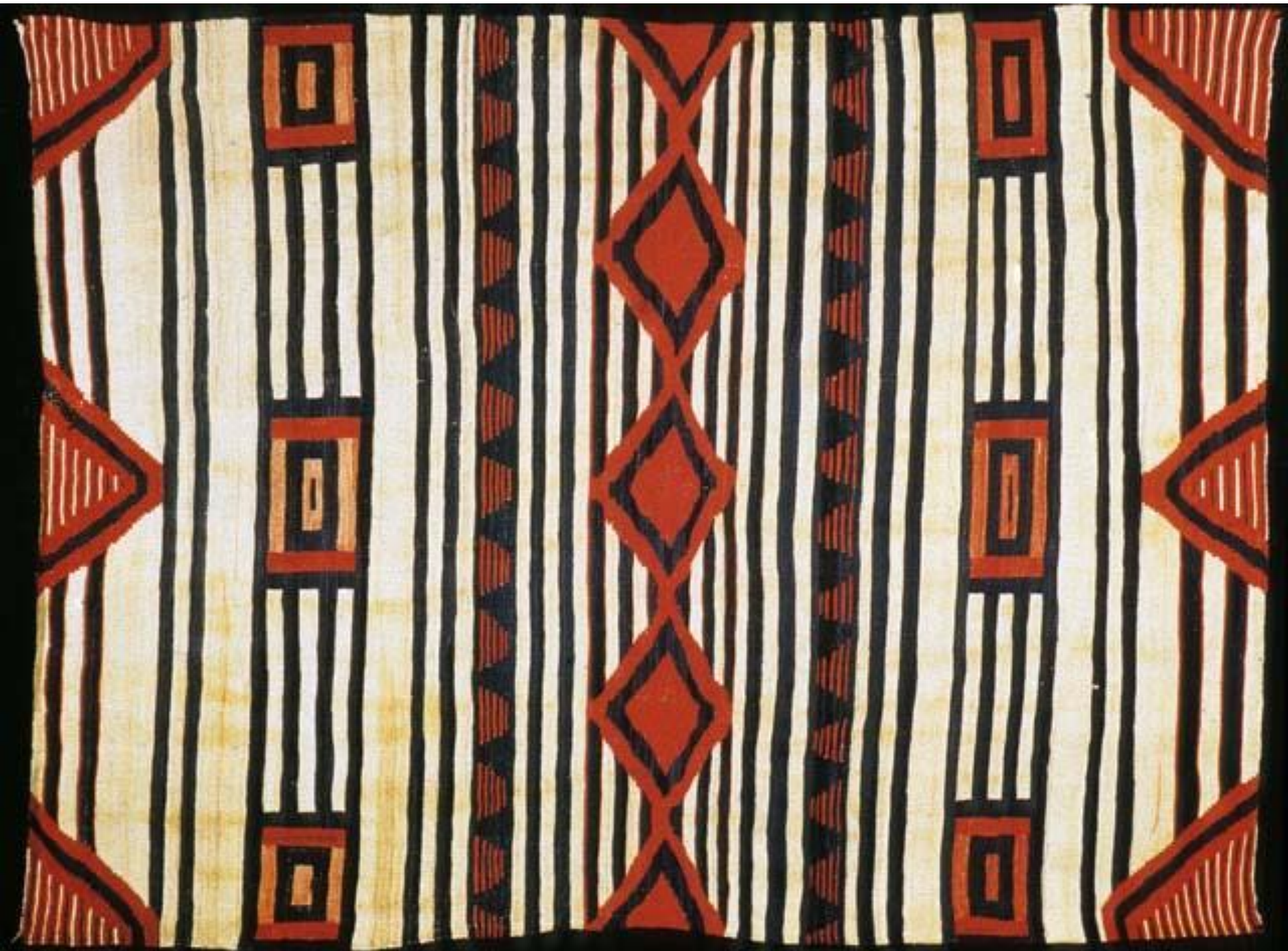


Turkish Rug



XX

Navajo weaver - early 20th century





Navajo



15th century, Flemish - **The Hunt of the Unicorn**, or the **Unicorn Tapestries**, is a series of seven tapestries dating from between 1495 and 1505, now in The Cloisters in New York, probably woven in Netherlands.

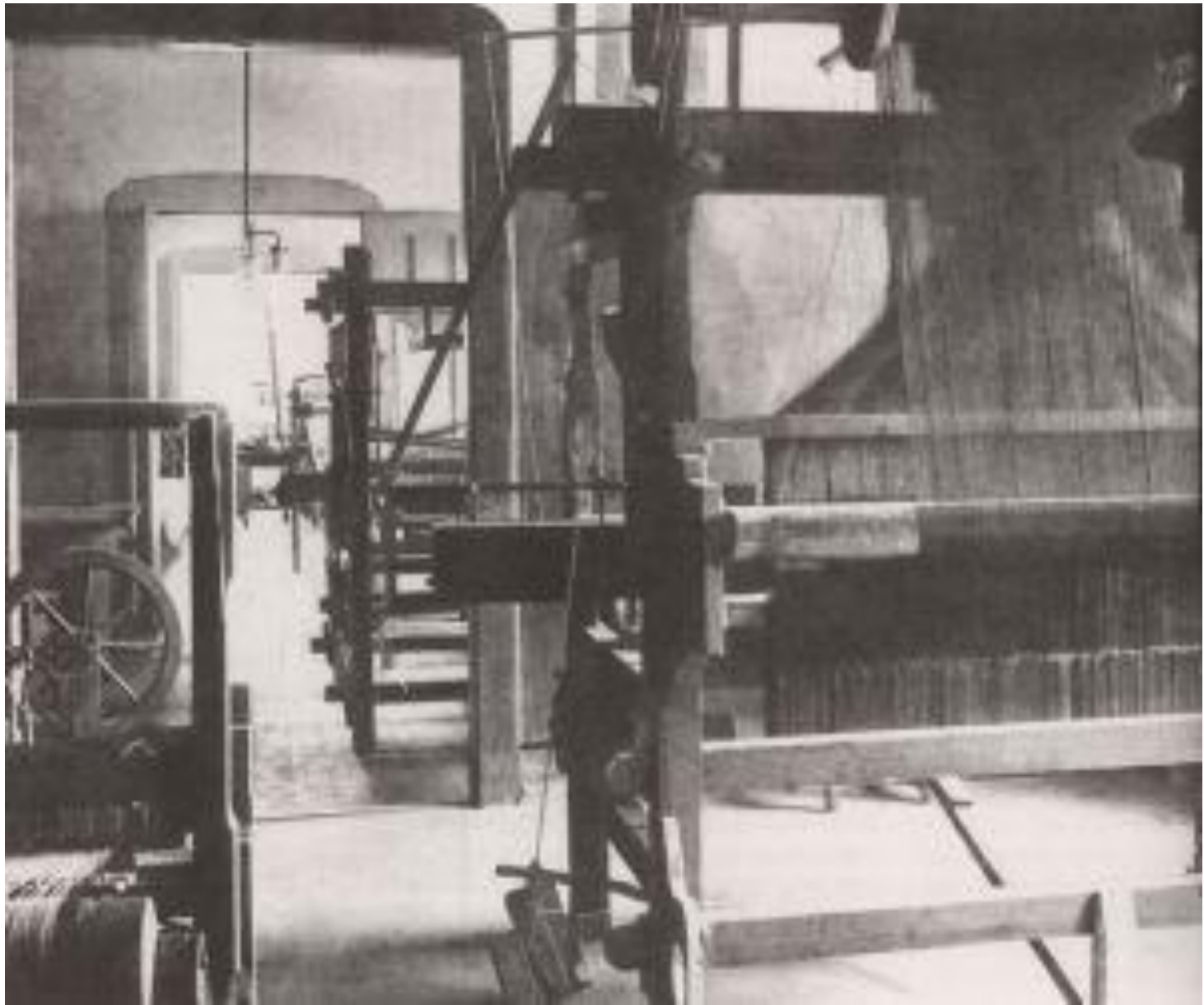




The Lady and the Unicorn is the modern title given to a series of six tapestries woven in Flanders from wool and silk, from designs ("cartoons") drawn in Paris around 1500 and is often considered one of the greatest works of art of the Middle Ages in Europe







1920s Bauhaus weaving studio



Gunta Stölzl



Anni Albers, 1926



Magdalena Abakanowicz



Magdalena Abakanowicz



Magdalena Abakanowicz



Sheila Hicks



Sheila Hicks



Sheila Hicks



Sheila Hicks



Afghan Rugs

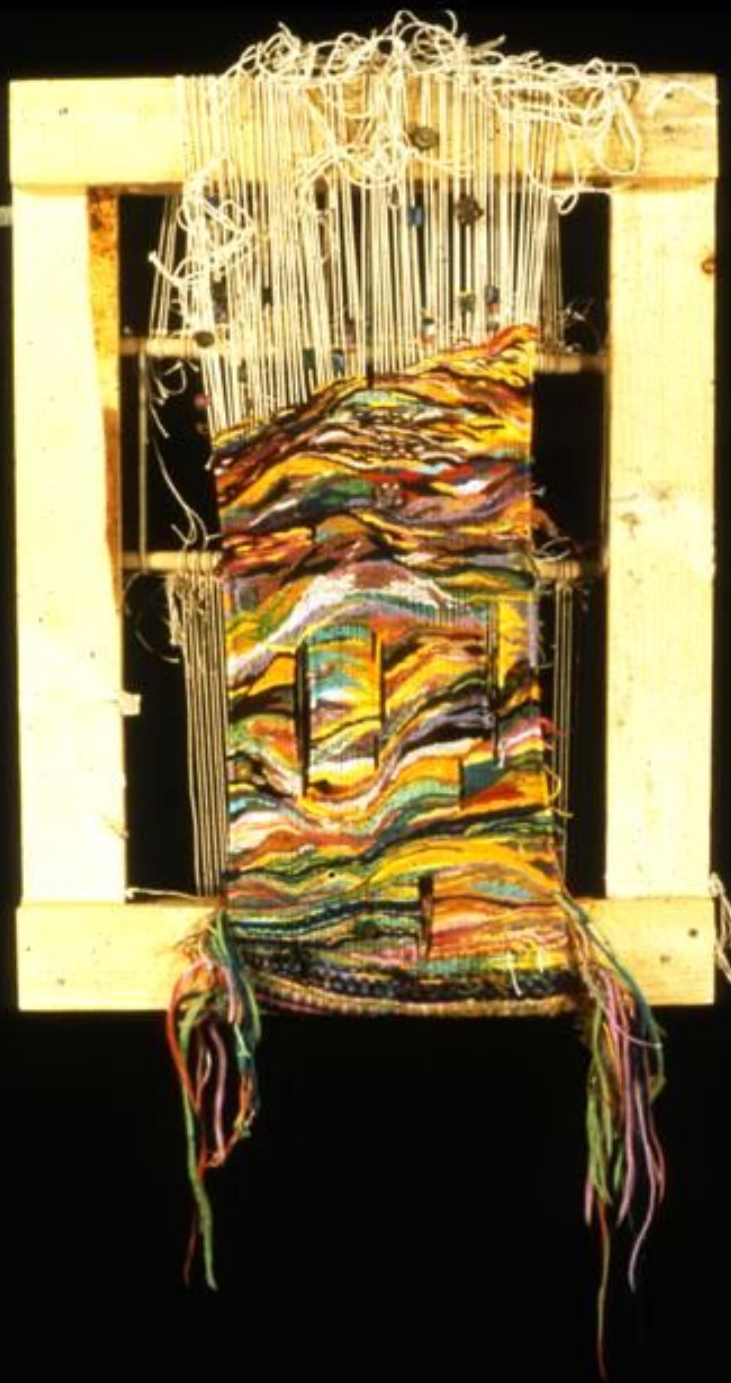


Grayson Perry



Grayson Perry





















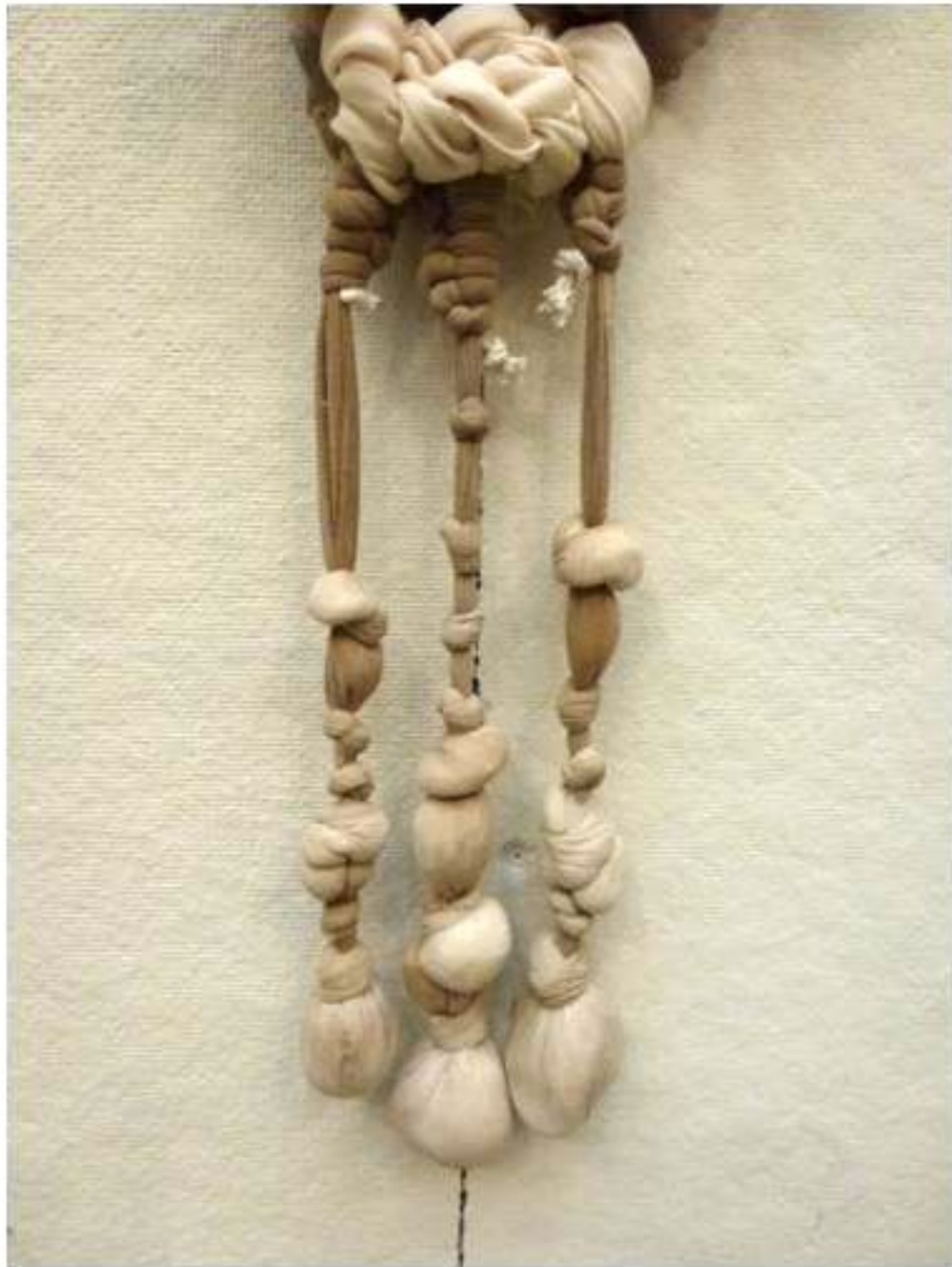


















Whelan

Foot
Over

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you



