The Anamorphic Image

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Why do the tracks converge?
Why do the tracks converge?

Answer Involves Two Facts
1. If you look at a line straight on, you see...
1. If you look at a line straight on, you see...

...a point:
1. If you look at a line straight on, you see...

...a point: .

2. If you look at a plane straight on, you see...
1. If you look at a line straight on, you see...

   ...a point:

2. If you look at a plane straight on, you see...

   ...a line:
Frescoed wall of the shrine of Hathor from Deir el-Bahri
New Kingdom 1570-1070 BCE
Giotto di Bondone

Homage of a Simple Man
(detail) 1295–1300

Meeting at the Golden Gate
1304–1306
Giotto di Bondone

Homage of a Simple Man
(detail) 1295–1300

Meeting at the Golden Gate
1304–1306
Duccio di Buoninsegna, c. 1310
Fra Angelico

Annunciation, c. 1450
Annunciation, c. 1450
The Inventors of Perspective

Filippo Brunelleschi  
1377–1446

Leone Battista Alberti  
1404–1472

Piero della Francesca  
1412–1492
From Peiro della Francesca’s book *On Perspective for Painting*, c. 1475
Piero della Francesca, *Federigo da Montefeltro and his wife Battista Sforza*
Piero della Francesca, *The Flagellation of Christ*, 1460
Piero della Francesca, *The Flagellation of Christ*, 1460
Piero della Francesca, 1473
*Virgin and Child with Saints, Angels, and Federigo da Montefeltro*
Piero della Francesca, 1473
Virgin and Child with Saints, Angels, and Federigo da Montefeltro
Hans Holbein the Younger, *The Ambassadors*, 1533
Hans Holbein the Younger, *The Ambassadors*, 1533
How to make an anamorphosis
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[Diagram showing the process of anamorphosis]
How to make an anamorphosis
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Leonardo da Vinci, c. 1505
Erhard Schon, c.1531-4
István Orosz
István Orosz (1981)
István Orosz (1981)
István Orosz (1997)
István Orosz (1997)
István Orosz (1997)
Sidewalk Drawings by Julian Beever
Floor Drawings by Kurt Wenner
Shigeo Fukuda (1936–2009)
Shigeo Fukuda (1936–2009)
Shigeo Fukuda (1936–2009)
Shigeo Fukuda (1936–2009)
Shigeo Fukuda (1936–2009)
Tim Noble and Sue Webster

Real Life is Rubbish