

# HOW THE NUMERAL TRAVEL AROUND THE MEDITERRANEAN

RECKONING

ARRIVING FROM INDIA, DECIMAL NUMERALS FOUND THEIR CURRENT ORTHOGRAPHY AFTER A LONG JOURNEY AROUND THE MEDITERRANEAN.

Indian Sanskrit-Devangri 9<sup>th</sup> century

1 2 3 4 5 6 7 8 9

Arabic figures 10<sup>th</sup> century

1 2 3 4 5 6 7 8 9 0

ARABIC HINDI NUMERALS: THE EVOLUTION OF ORTHOGRAPHY IN THE EASTERN MEDITERRANEAN BETWEEN THE 10<sup>TH</sup> CENTURY AND TODAY.

Arabic Hindi 10<sup>th</sup> century

1 2 3 4 5 6 7 8 9

Arabic Hindi 15<sup>th</sup> century

1 2 3 4 5 6 7 8 9 .

Arabic Hindi still used today in certain Arab countries

1 2 3 4 5 6 7 8 9 .

ARABIC GHUBAR NUMERALS/ THE EVOLUTION OF ORTHOGRAPHY IN THE WESTERN MEDITERRANEAN BETWEEN THE 10<sup>TH</sup> CENTURY AND TODAY.

10<sup>th</sup> century Codex Vigilianus: the oldest evidence in the Latin West, Spain

1 2 3 4 5 6 7 8 9 0  
I 7 8 9

11<sup>th</sup> century: Scholarly writing in monasteries, Apices

1 2 3 4 5 6 7 8 9  
I 7 8 9

SECOND INTRODUCTION INTO THE LATIN WEST, THE INTRODUCTION OF ZERO.

12<sup>th</sup> century Liber Algorismi Tolède.

1 2 3 4 5 6 7 8 9 0

13<sup>th</sup> century Jean de Sacrobosco tractatus de arte numerandi.

1 2 3 4 5 6 7 8 9 0

11<sup>th</sup> or 12<sup>th</sup> centuries Boèce Geometry.

1 2 3 4 5 6 7 8 9

12<sup>th</sup> century Leonard of Pisa, Liber abaci, introduction of zero.

1 2 3 4 5 6 7 8 9

15<sup>th</sup> century, at the dawn of printing

1 2 3 4 5 6 7 8 9 0