

Achievements with Shorthand

-

Shorthand as a Cultural Technique

Handwritten shorthand symbols in a cursive style, arranged in four lines. The symbols are stylized and compact, representing a shorthand system.

Presentation for the Meeting of Italian Representatives of UNESCO with Intersteno

by Prof. Dr. Neubauer, Member of the Scientific Committee of Intersteno



Shorthand as a cultural technique

in ...

→ Cultural and Intellectual History

→ Science

→ Parliamentary and Public Life

→ ?



Shorthand in Cultural and Intellectual History



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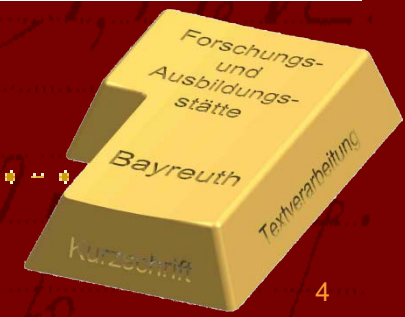
	Β	Γ	Δ	Τ	Κ	Π	Θ	Χ	Φ	Μ
Ρ	♂	♂	♂	♂	♂	♂	[d]	?	?	
Λ	♀	♀	♀	♀	♀	♀	?	?	?	
Ν	[U]	U	Y	X	Y	Y	Q		U	?
Δ	[U]	?	[?]				η			?
Μ		ρ	ω	?		ω	χ			
Β		[?]	[?]	?						
Γ										
Τ							?			
Π					[+]	[?]				
Θ										
Κ										
Χ										

— ∩ / λ ... Ι Ο Υ ... Ω ... Τ ... Λ ... Ε ... Ο ...
 α·α, ε·ε̄, η·ε̄, ι, ὄ υ·γ, ω·δ; αί, αυ, αί, ου·ι;

 — ∟ ^ / λ \ γ ∩ Δ √ λ γ ρ ∩ ∩
 αν, ἔν, ἐν, ιν, ὄν, γν, ὄν, τόν; αρ, ἔρ, ἐρ, ιρ, ὄρ, ὄρ;

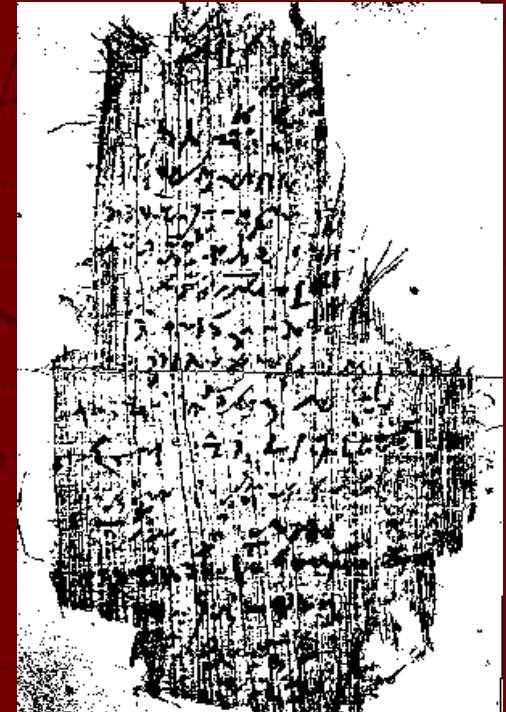
 γ ∩ ∩ √ ∟ λ ∩ ∩ ρ α ∩ ∩ ∟ ∩ ∩ ∩ ρ γ.
 ας, ἔς, ἐς, ἰς, εἰς, ος, γς, ὄς; ρα, σα, τα, ρε̄, σε̄, τε̄, ρι, σι.

— α ρ ε γ η ι ε ∩ ο λ = ν υ ~ ω λ = λ α ι η = η α υ λ ε ι √ ε υ λ = ν (η) = ρ ο ι
 λ = λ ο υ ν λ ι υ ι
 Μ βι, ρ = ρ ι, γ δ ι, γ ζ ι, γ θ ι, γ χ ι, γ λ ι, γ μ ι, γ ν ι, γ ξ ι,
 γ πι, ρ ρ ι, ρ σ ι, ἴ τ ι, φ φ ι, τ χ ι, ψ ψ ι, μ β ε ζ γ ο, ε ρ α, ν δ η,
 γ ξ υ, ζ καν, λ λα ρ, η με σ, ζ = ζ βα, γ = γ λ α, λ = λ δ α, σ = λ θ α,
 < κα, λ λα, > μα, Ζ να, υ = ξ α, λ = λ πα, ∩ σα, ÷ τα, ∩ = ζ στα,



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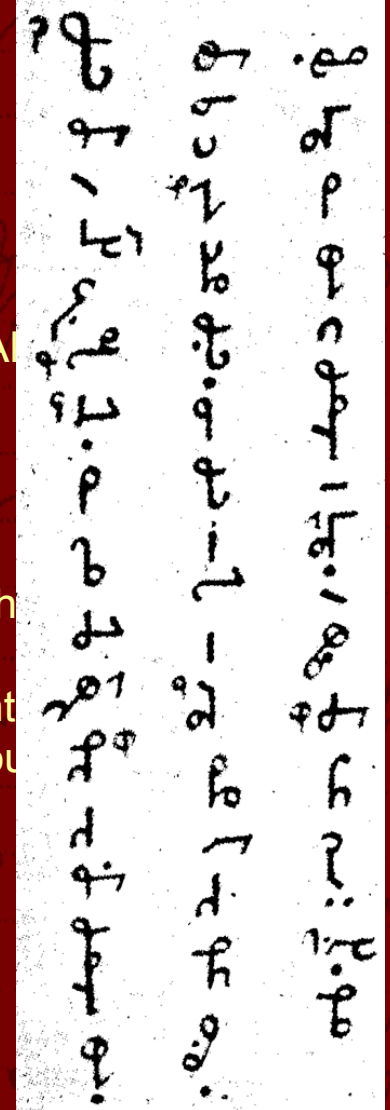
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- writers/poets using shorthand for drafts (Daniel Defoe, Charles Dickens, Victor Hugo, George Bernard Shaw, Franz Kafka, Astrid Lindgren, John Steinbeck, Sven Hedin, ...)



Shorthand in Science



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- used to put down ideas, descriptions of personal or professional life, drafts, notes etc. (The saved time was used in return to write more details.)

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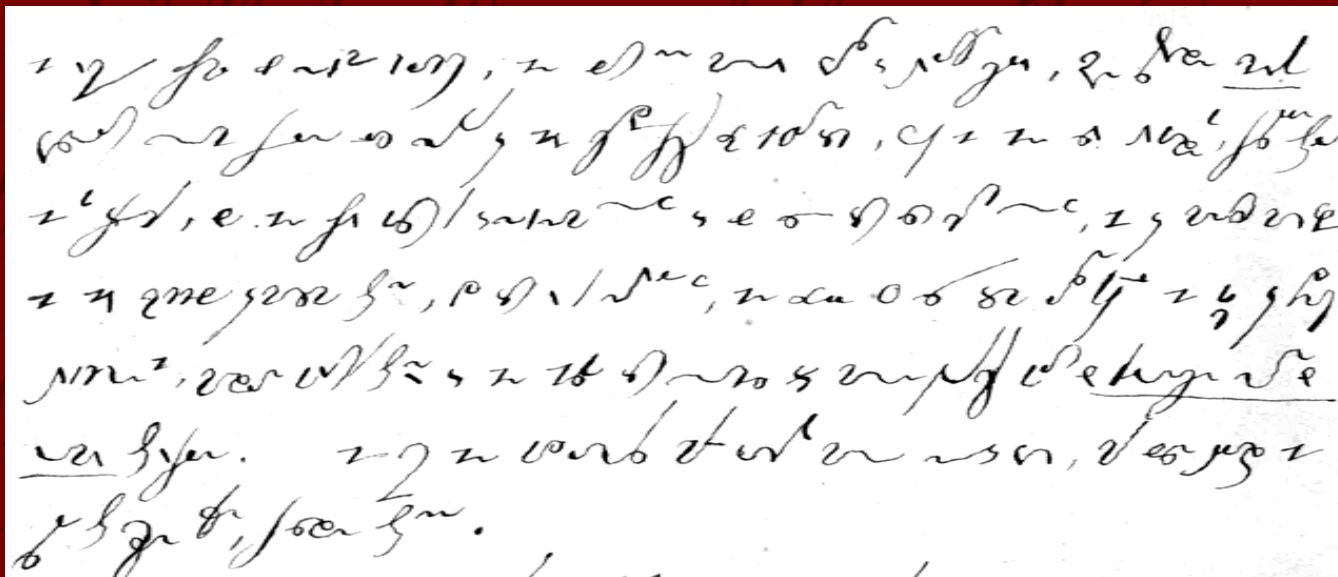
L (- o M(y f l v r (o s s u) v r v l
w r a n h a . a n n w v h i . i n u ,
(q u i . a . n v a (e f a - u r i . i . n
h t e . u . f v n / r t i w h v m

v y i u e b ³ b i y whites J p v b i . d e ,
b i . j o k e s r u v e l , b - m o r e b H a b e l (
v white b i . i v , i . e n v



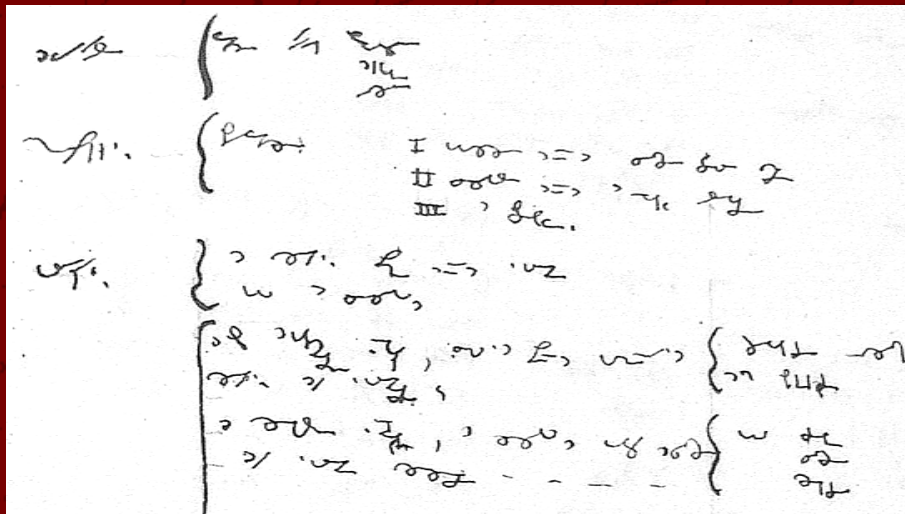
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- John Locke (state philosopher), used Rich's shorthand
- Prof. Dr. Max Planck (creator of the quantum theory), used Gabelsberger's shorthand
- Prof. Otto Lilienthal (engineer, flight pioneer), used Stolze's shorthand
- Joseph Priestley (philosopher, chemist), used Annet's shorthand



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- Prof. Dr. Ludwig Boltzmann (founder of the statistical thermodynamics)
- Dr. Alfred Brehm (zoologist)
- Prof. Dr. Jan Czochralski (chemist)
- Prof. Dr. Hans-Georg Gadamer (philosopher)
- Prof. Dr. Kurt Gödel (mathematician)
- Prof. Dr. Walter Schottky (physicist)
- Prof. Dr. Joseph Schumpeter (economist)
- Prof. Dr. Rudolf Virchow (biologist)
- Prof. Dr. Max Weber (founder of sociology)
- Prof. Dr. Konrad Zuse (computer inventor)



Shorthand in Parliamentary and Public Life



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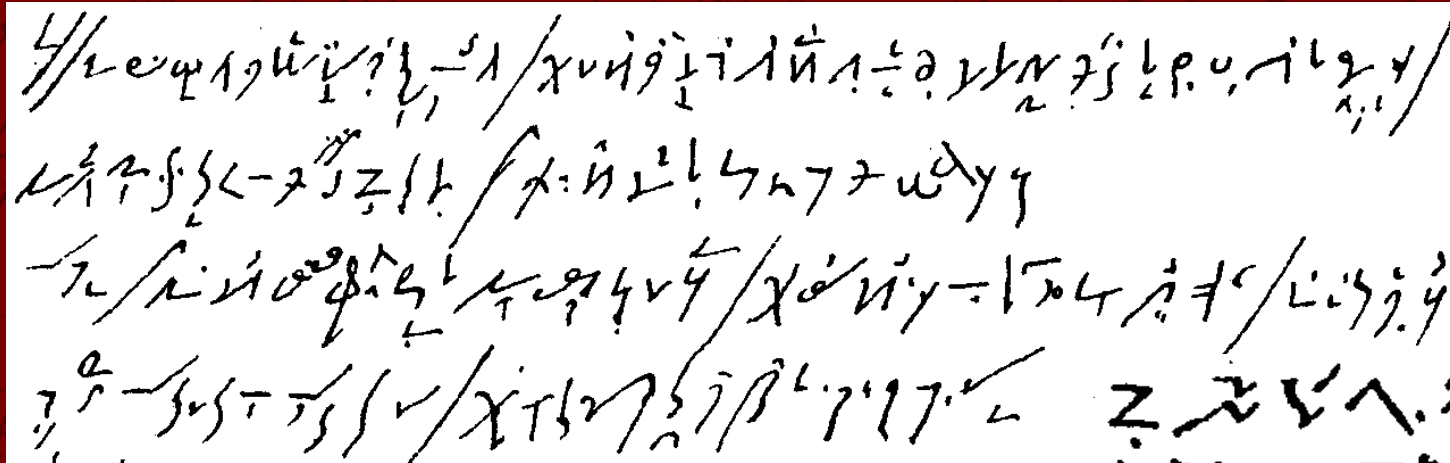
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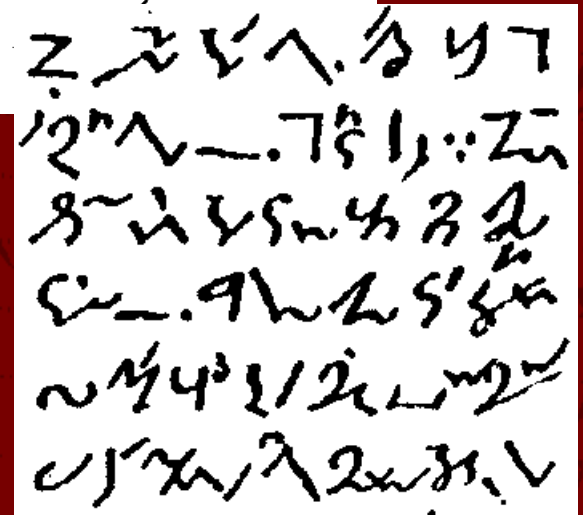
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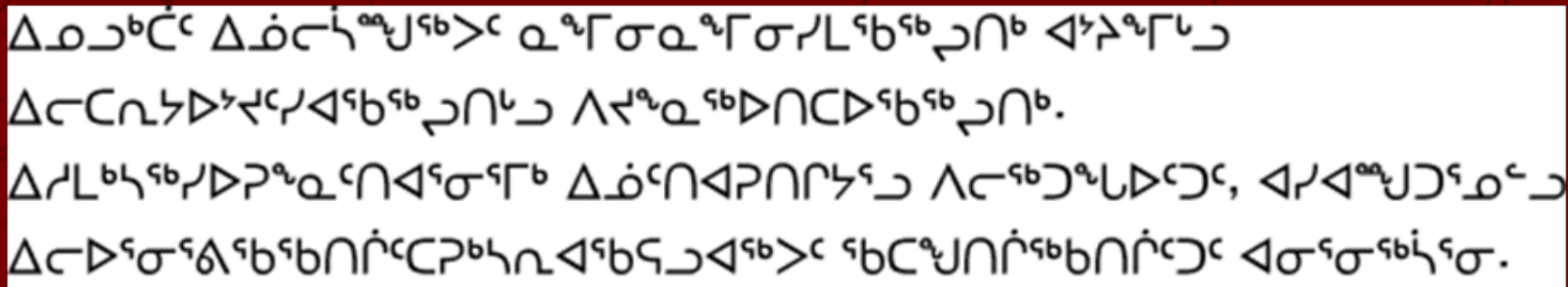
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Shorthand as the only Writing System of Peoples

- Illiterate peoples often took over the writing systems from neighbors/travellers. (Often, but not always the Latin, the Cyrillic or the Arabic alphabet was „exported“.
- Sometimes, new alphabets were created on the base of shorthand systems.



	i [i]	o [o]	a [a]	ā [a:]	ī [i:]	ō [o:]	final
	△	▷	◁	◁̇	△̇	▷̇	
w [w]	△̇	▷̇	◁̇	◁̇̇	△̇̇	▷̇̇	○
p [p]	∧	>	<	<̇	∧̇	>̇	ı
t [t]	∩	⊂	⊃	⊃̇	∩̇	⊂̇	‘

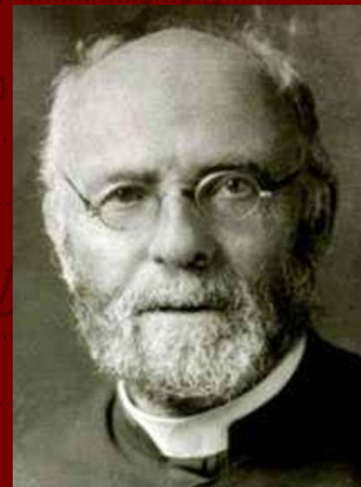
examples:
declaration of human rights in Inuit
alphabet of the Cree (partly)

still in use!
have entered unicode!



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- Sometimes, new alphabets were created.
- Sometimes, shorthand alphabets were introduced as the only writing system.



example:
Father Lejeune introducing the Duployan shorthand as writing system for about ten previously illiterate people close to today's Vancouver/Seattle.

still in use!
has entered unicode!



Thank you for your attention!

Questions?

