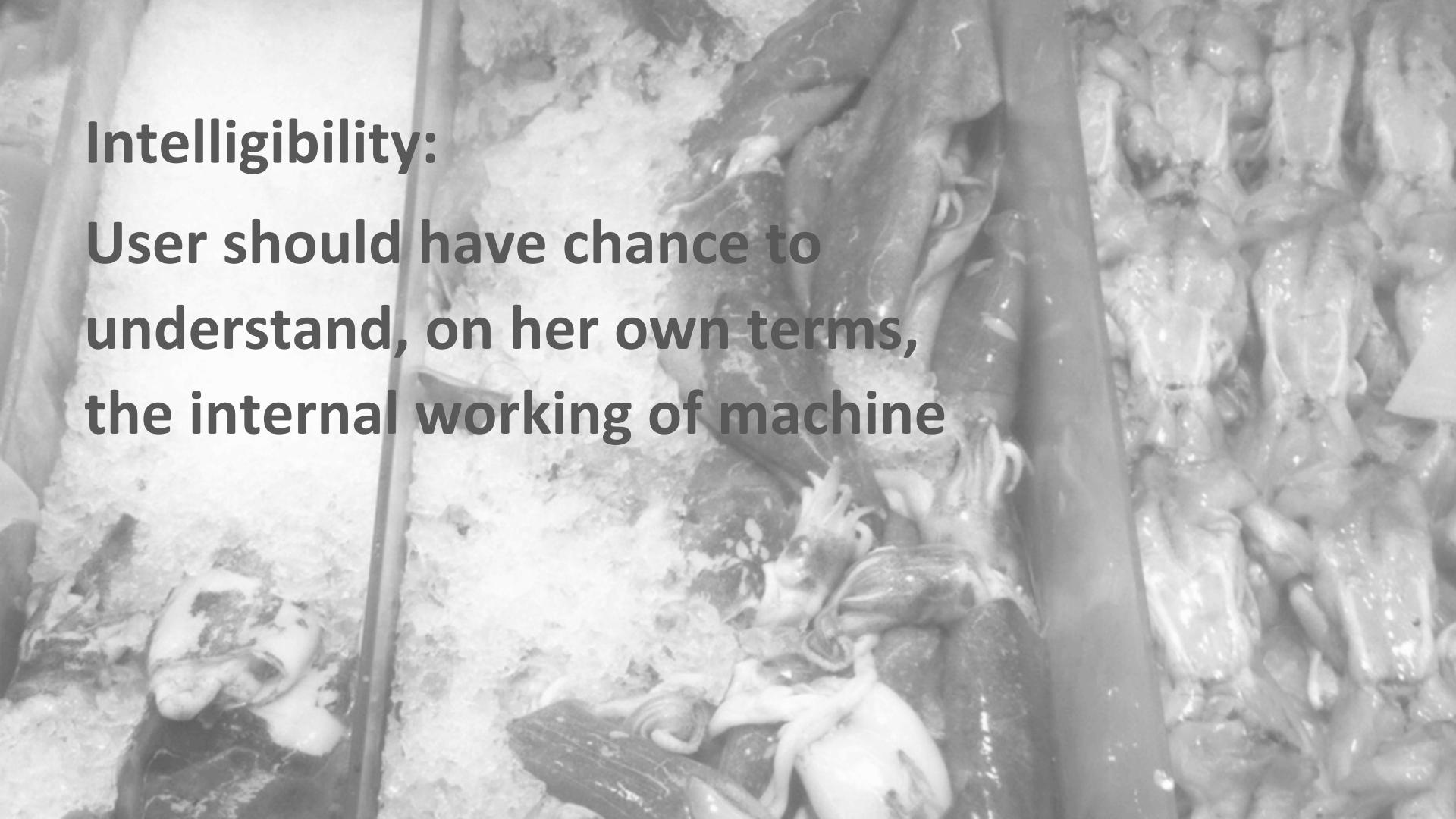


# **Designing Intelligent User Interface**

**Intelligibility:** Mutual  
understanding  
between user and  
software

# **Intelligibility:**

**Software should understand  
human intentions as well as  
circumstances under which  
such intentions are expressed.**



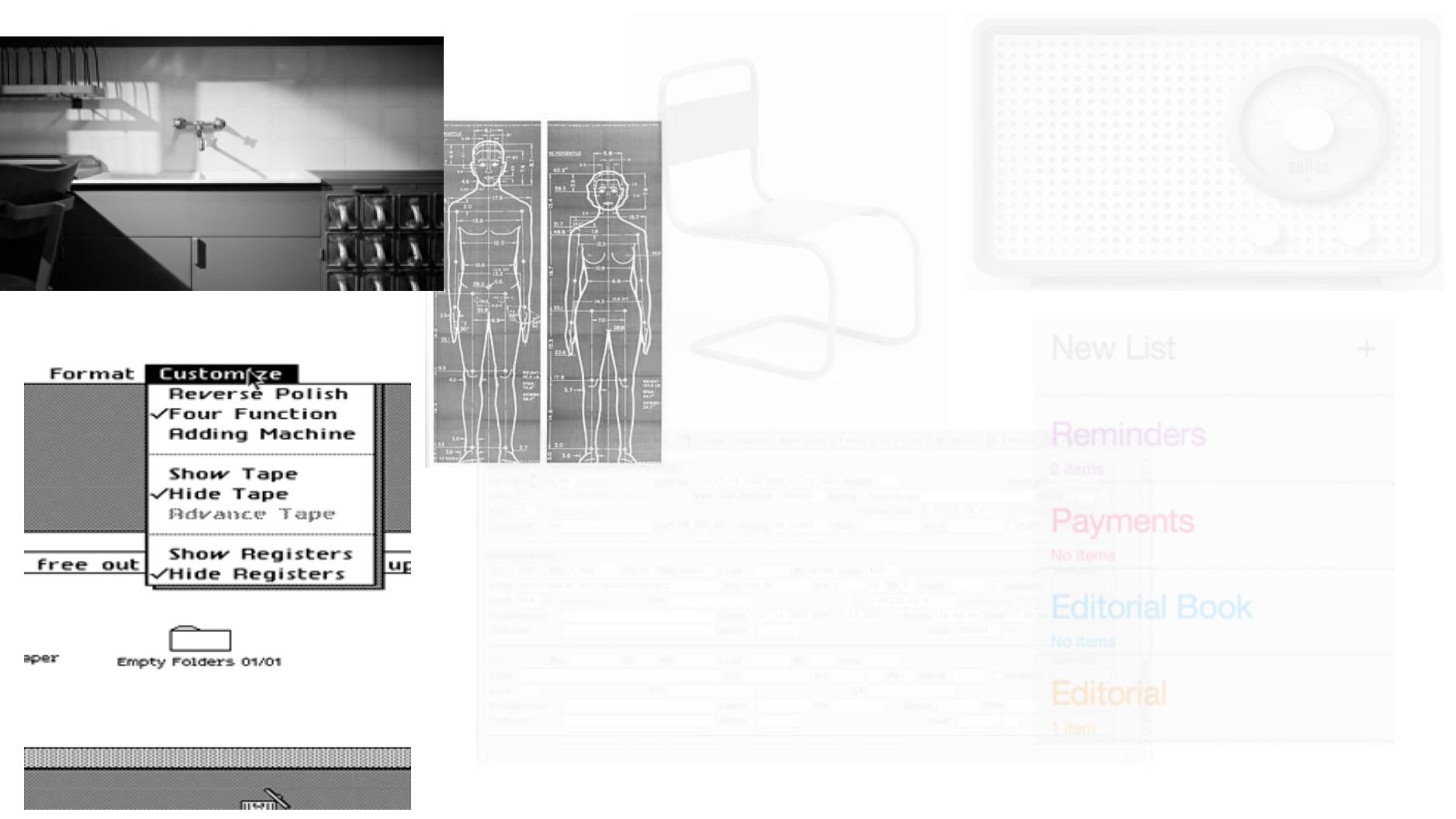
**Intelligibility:**

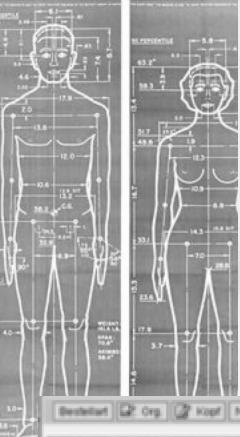
**User should have chance to  
understand, on her own terms,  
the internal working of machine**

Finding Graceful Interaction

# A Very Brief History of UI Design







Preiswert

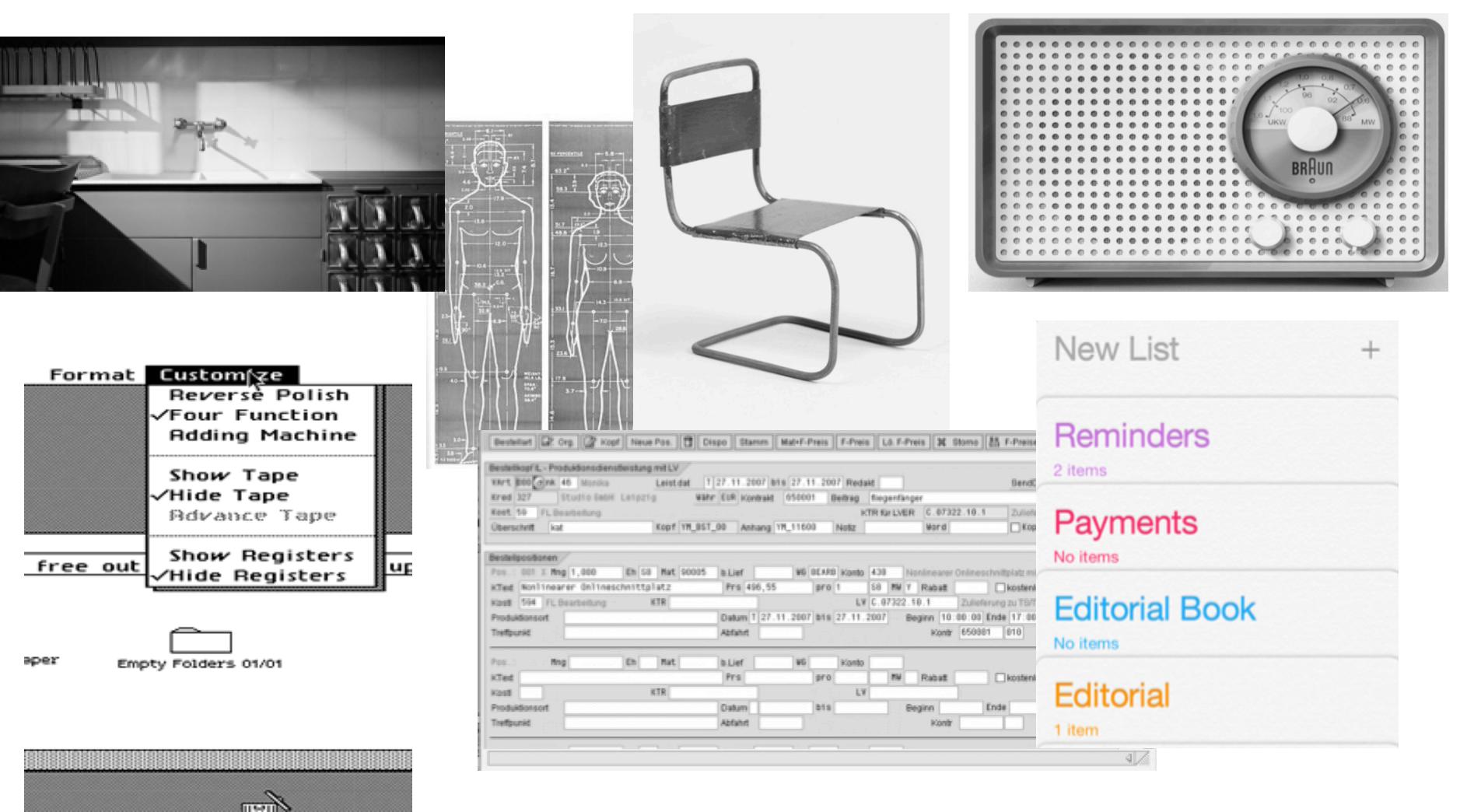
Kontakt  NCUN

Editorial Book

Editorial

<b>Format</b>	<b>Customize</b>
	Reverse Polish
	✓Four Function
	Adding Machine
	Show Tape
	✓Hide Tape
	Advance Tape
<b>Free Out</b>	Show Registers
	✓Hide Registers

Bestellkopf L - Produktionsbestellung mit LV															
Kost	Bsp	Groß	46	Mönika	Liefertat	1/27.11.2007	816	27.11.2007	Reaktiv		SendDat				
Kred	327	Stadtspark Leipzig		Währ	EUR	Kontrakt	656001	Beitrag	Fliegendrucker	Dauer					
Kost	16	FL Bearbeitung						KTR Karl LVER	C 07322.10.1	Zulieferung zu TBT/TTM					
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<b>Bestellpositionen:</b>															
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Kost	504	FL Bearbeitung		KTR						LW	C 07322.10.1	Zulieferung zu TBT/TM			
Produktionsort		Datum	1/27.11.2007	816	27.11.2007			Beginn	10.00.00	Ende	17.00.00				
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Kost		KTR								LW					
Produktionsort		Datum		816				Beginn		Ende					
Treffpunkt		Abfahrt						Kontr							



Designing Intelligent User Interface

# Design as Conversation

[Conversation with Eliza](#)

- Robust human ability to repair breakdowns in conversational situations

- (A bit of )

**Intelligence affords  
conversation with  
machine**

- Robust human ability to repair breakdowns in conversational situations

some scattered examples of

# Intelligent User Interface Design

# User Control



Translate



English Spanish French German - detected ▾



English Spanish Chinese (Simplified) ▾

Translate

Die Würde Des Menschen ist unantastbar



人的尊严不受侵犯

尊严不受侵犯

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Suggest an edit

Showing translation for [Die Würde Des Menschen ist unantastbar](#)

Translate instead [Die Wurde Des Menschen ist unantastbar](#)

Rén de zūnyán bù shòu qīnfàn

See also

Menschen, des, unantastbar, Würde

# Transparency

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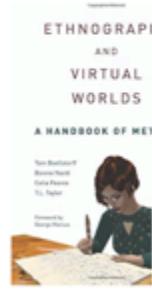
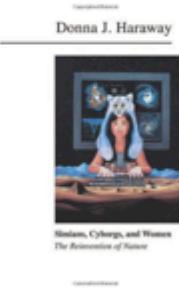
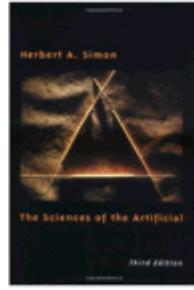
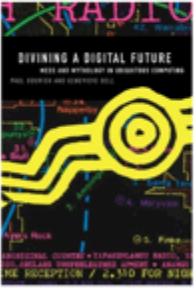
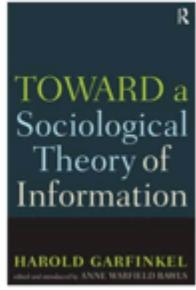
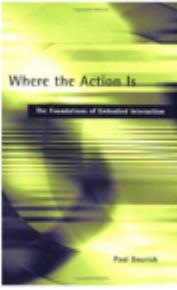
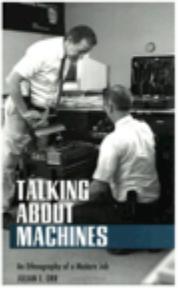
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Design the manner.**