



SOME THOUGHTS

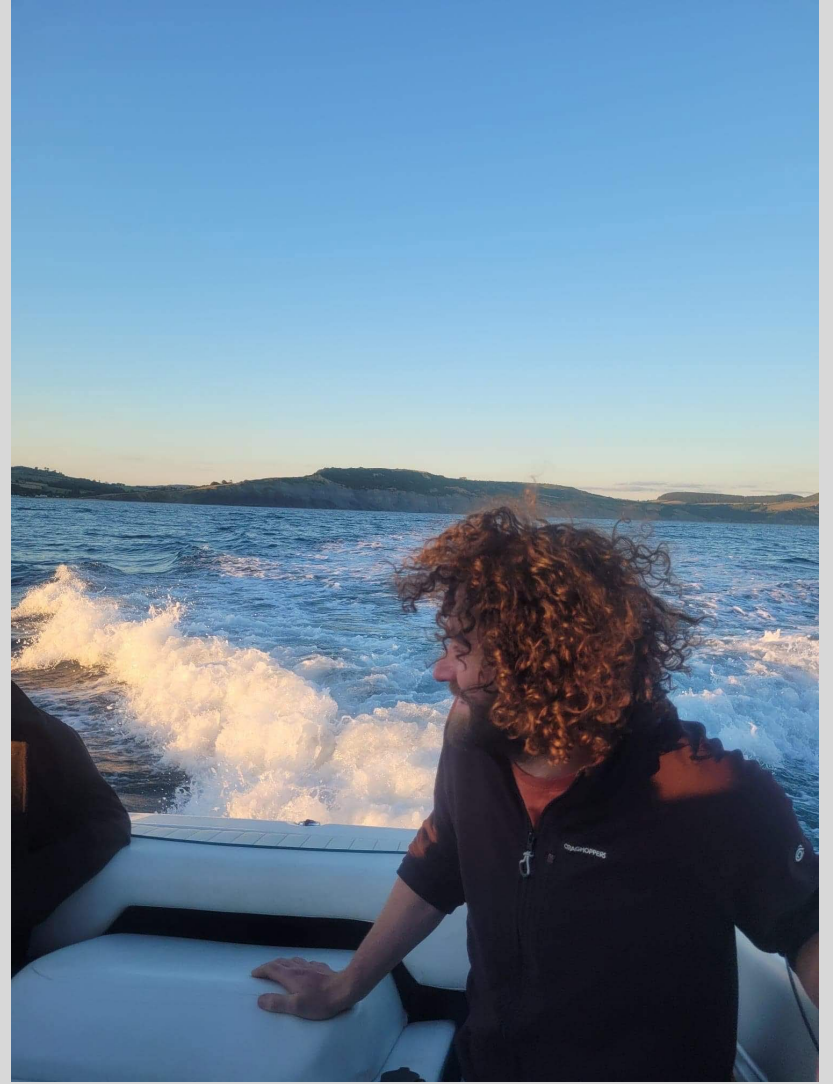
Ed Baker



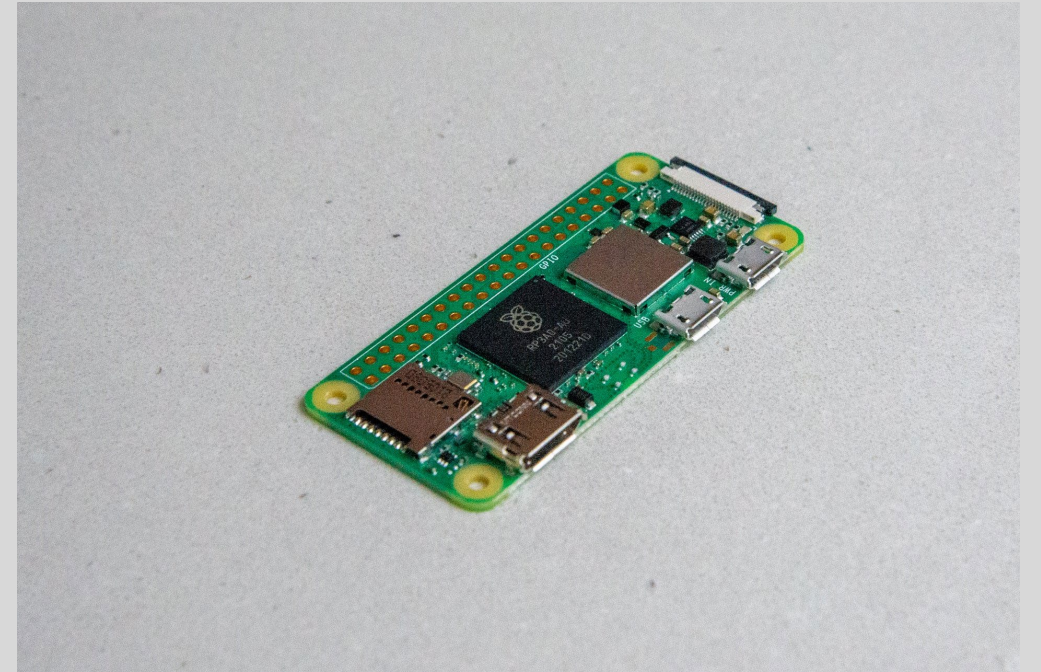
SOME THOUGHTS

Ed Baker
Natural History Museum





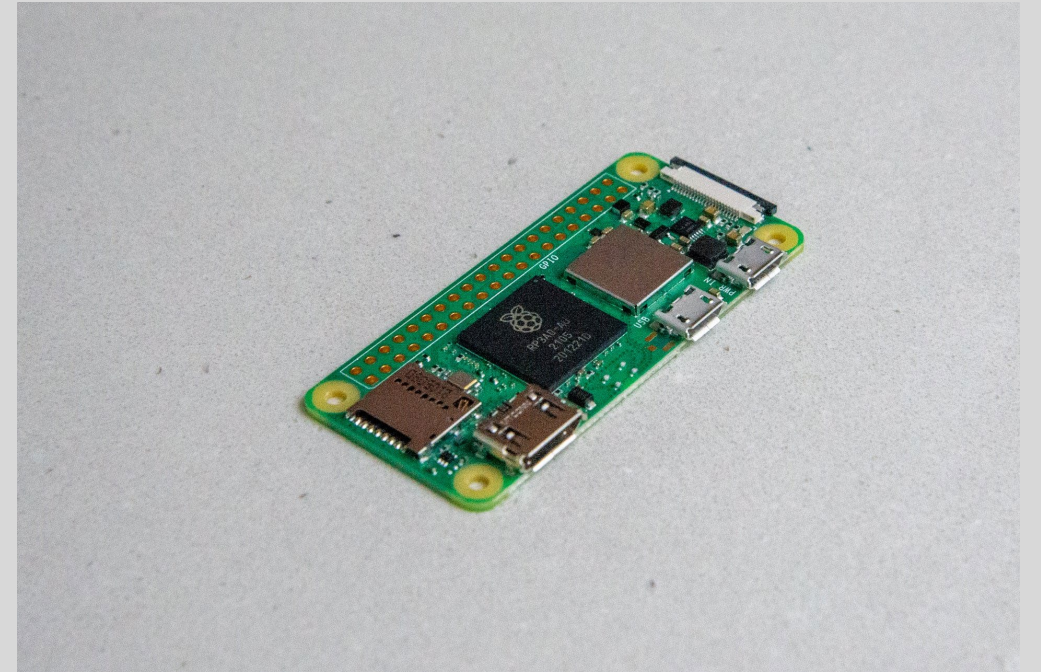




1997



Now

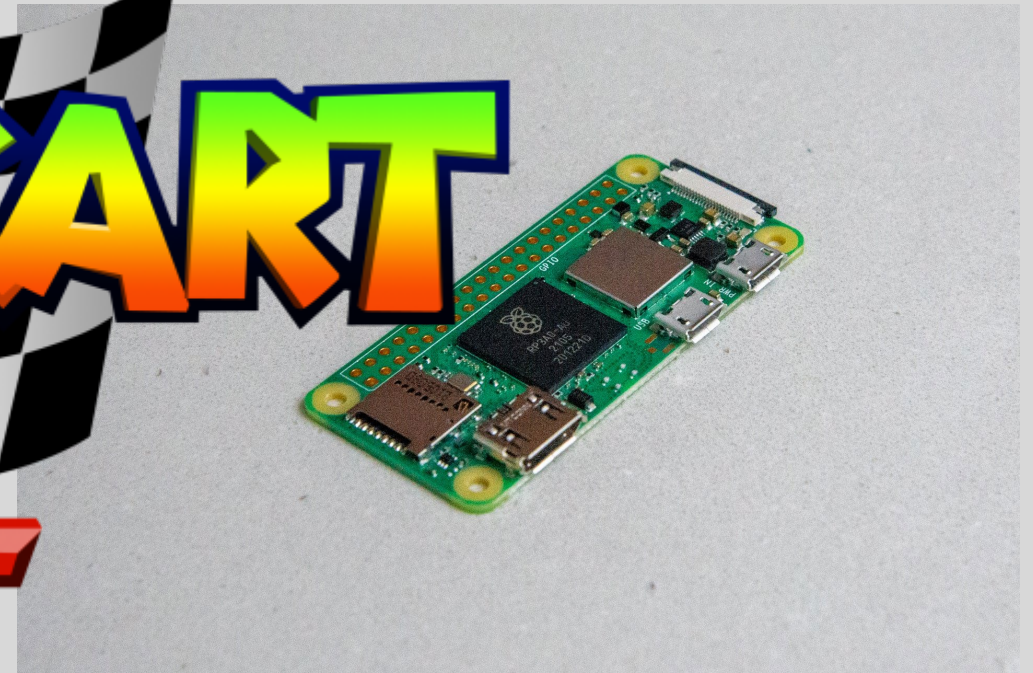


1997

Now



MARIO KART
64

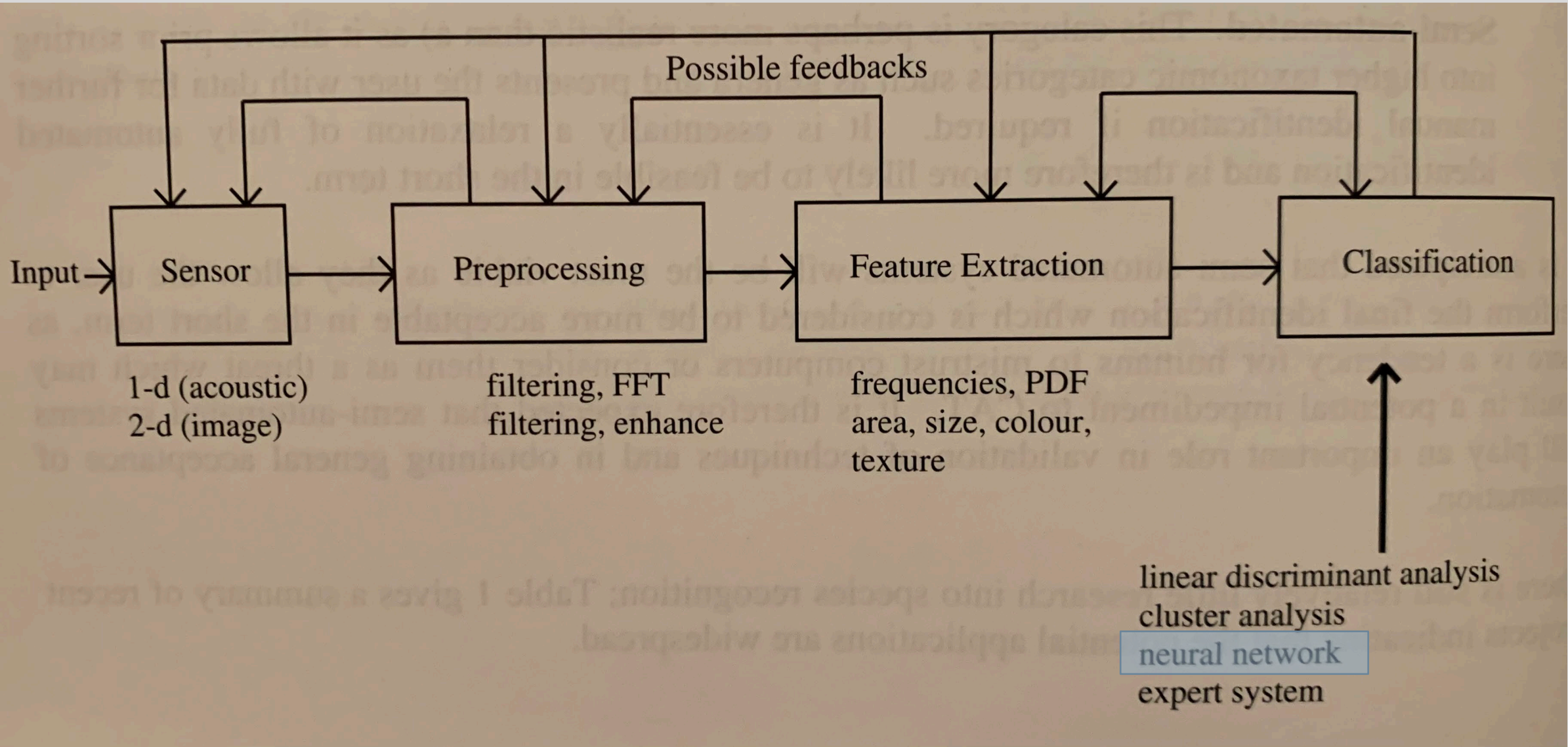


**The
BioNET-INTERNATIONAL GROUP
FOR
COMPUTER-AIDED TAXONOMY
(BIGCAT)**



**PROCEEDINGS OF INAUGURAL MEETING
held at
The University of Wales
Cardiff
2-3 July 1997**

BIGCAT's purpose is to keep abreast of all new technologies, use, modify and adapt existing technologies as necessary to suit the network's needs and develop new technologies, with the ultimate objective of automation. Given necessary funding for development and field and laboratory testing, it has within its corporate competence the potential to make substantial contributions to the advancement of taxonomic knowledge and progress in inventorying the world's biodiversity, monitoring it and understanding the relationships of the species within it.



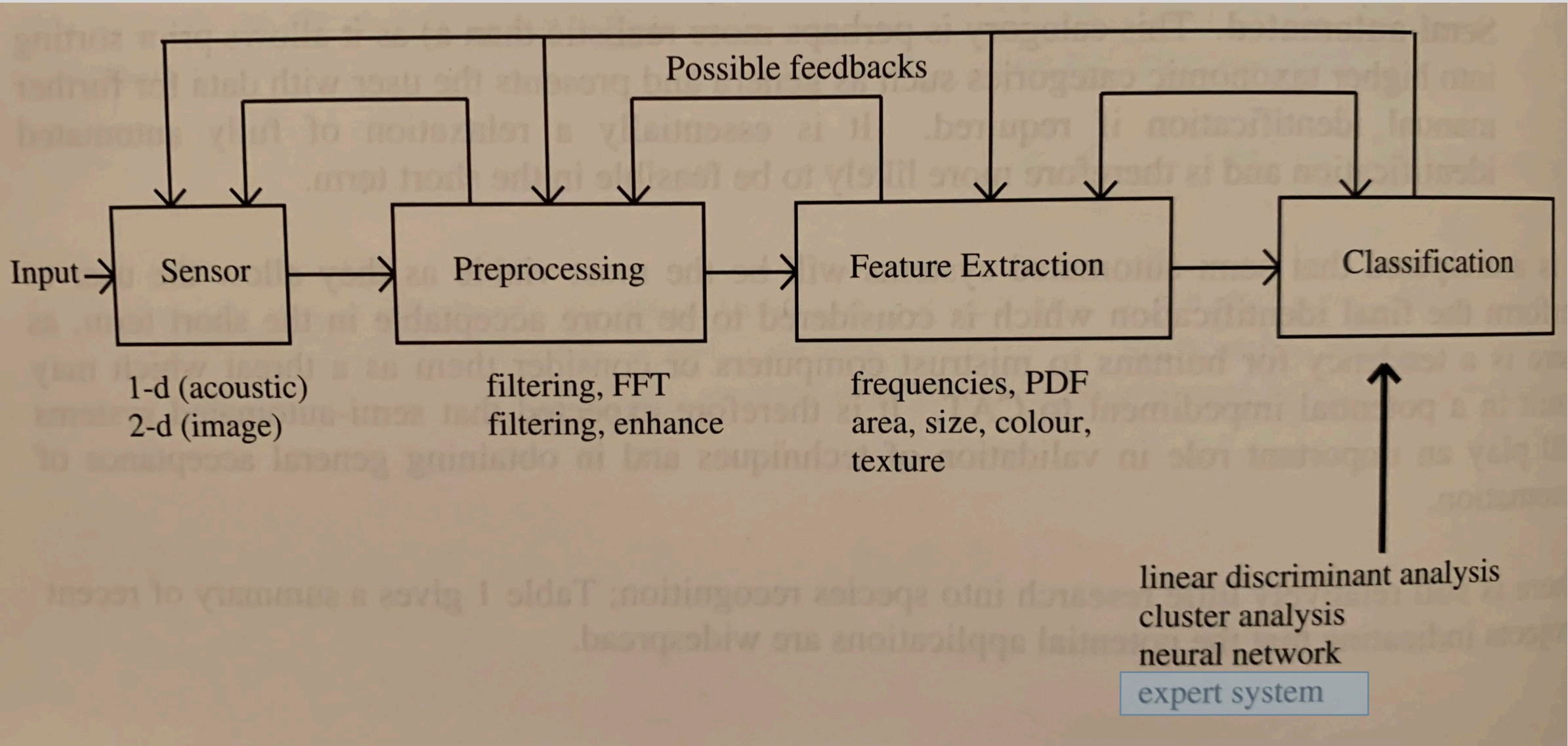
Neural networks, hardware lottery

This essay introduces the term hardware lottery to describe when a research idea wins because it is suited to the available software and hardware and not because the idea is superior to alternative research directions....

Sara Hooker, <https://arxiv.org/abs/2009.06489>

Neural networks, hardware lottery





Not trendy

Not trendy

- But we still use experts for verification

Not trendy

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- There's still something (context/reason) that's hard to put into silicon





Somewhat unfair

Somewhat unfair

- Urban is hard if your input isn't
- ...and why are museums doing this anyway?

When does a decadal view matter?

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- We missed the first round

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 - Build and collaborate, AudubonCore, audioBLAST

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- We missed the first round (that's ok)
- Did we prioritise well? (It's complicated)

- Where do we go now?
 - Lay a foundation: digital as first class object
 - Build and collaborate, AudubonCore, audioBLAST
 - Look beyond projects to holistic infrastructures









