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### Nuances in visual recognition

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**Publication date**  
2014

[Link to publication](#)

#### **Citation for published version (APA):**

Gavves, E. (2014). *Nuances in visual recognition*. [Thesis, fully internal, Universiteit van Amsterdam].

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# Nuances in Visual Recognition

The cover photos in the front and back pages show different angles of the Penrose triangle, commonly known as the impossible triangle. The pictures are courtesy of Paul McManus. <http://nothinghereisreal.com/>.

Printing: Off Page, Amsterdam

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ISBN 978-94-6182-476-9

# **NUANCES IN VISUAL RECOGNITION**

## **ACADEMISCH PROEFSCHRIFT**

ter verkrijging van de graad van doctor  
aan de Universiteit van Amsterdam  
op gezag van de Rector Magnificus  
prof. dr. D. C. van den Boom  
ten overstaan van een door het college voor promoties  
ingestelde commissie,  
in het openbaar te verdedigen in de Aula der Universiteit  
op woensdag 3 september 2014, te 13:00 uur

door

**Efstratios Gavves**

geboren te Nürnberg, Duitsland

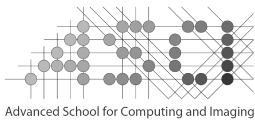
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The work described in this thesis has been carried out within the graduate school ASCI, dissertation number 309, at the Intelligent Systems Lab Amsterdam of the University of Amsterdam.



UNIVERSITEIT VAN AMSTERDAM

Σα βρεις στον πηγαμιό για την Ιθάκη,  
να εύχεσαι νάναι μακρός ο δρόμος,  
γεμάτος περιπέτειες, γεμάτος γνώσεις.  
Τους Λαιστρυγόνες και τους Κύκλωπας,  
τον θυωμένο Ποσειδώνα μη φοβάσαι,  
τέτοια στον δρόμο σου ποτέ σου δεν θα βρεις,  
αν μέν' η σκέψις σου υψηλή, αν εκλεκτή  
συγκίνησις το πνεύμα και το σώμα σου αγγίζει.  
Τους Λαιστρυγόνες και τους Κύκλωπας,  
τον άγριο Ποσειδώνα δεν θα συναντήσεις,  
αν δεν τους κουβανείς μες στην ψυχή σου,  
αν η ψυχή σου δεν τους στήνει εμπρός σου.

Να εύχεσαι νάναι μακρός ο δρόμος.  
Πολλά τα καλοκαιρινά πρωιά να είναι  
που με τι ευχαρίστησι, με τι χαρά  
θα μπαίνεις σε λιμένας πρωτοειδωμένους·  
να σταματήσεις σ' εμπορεία Φοινικικά,  
και τες καλέςπραγμάτειες ν' αποκτήσεις,  
σεντέφια και κοράλλια, κεχριμπάρια κ' έβενους,  
και ηδονικά μυρωδικά κάθε λογής,  
όσο μπορείς πιο άφθονα ηδονικά μυρωδικά·  
σε πόλεις Αιγυπτιακές πολλές να πας,  
να μάθεις και να μάθεις απ' τους σπουδασμένους.

Πάντα στον νου σου νάχεις την Ιθάκη.  
Το φθάσιμον εκεί είν' ο προορισμός σου.  
Αλλά μη βιάζεις το ταξίδι διόλου.  
Καλλίτερα χρόνια πολλά να διαρκέσει·  
και γέρος πια ν' αράξεις στο νησί,  
πλούσιος με όσα κέρδισες στον δρόμο,  
μη προσδοκώντας πλούτη να σε δώσει η Ιθάκη.

Η Ιθάκη σ' έδωσε τ' ωραίο ταξίδι.  
Χωρίς αυτήν δεν θάβγαίνες στον δρόμο.  
Άλλα δεν έχει να σε δώσει πια.

Κι αν πτωχική την βρεις, η Ιθάκη δεν σε γέλασε.  
Έτσι σοφός που έγινες, με τόση πείρα,  
ήδη θα το κατάλαβες η Ιθάκη τι σημαίνουν.

As you set out for Ithaka  
hope the voyage is a long one,  
full of adventure, full of discovery.  
Laistrygonians and Cyclops,  
angry Poseidon—don't be afraid of them:  
you'll never find things like that on your way  
as long as you keep your thoughts raised high,  
as long as a rare excitement  
stirs your spirit and your body.  
Laistrygonians and Cyclops,  
wild Poseidon—you won't encounter them  
unless you bring them along inside your soul,  
unless your soul sets them up in front of you.

Hope the voyage is a long one.  
May there be many a summer morning when,  
with what pleasure, what joy,  
you come into harbors seen for the first time;  
may you stop at Phoenician trading stations  
to buy fine things,  
mother of pearl and coral, amber and ebony,  
sensual perfume of every kind—  
as many sensual perfumes as you can;  
and may you visit many Egyptian cities  
to gather stores of knowledge from their scholars.

Keep Ithaka always in your mind.  
Arriving there is what you are destined for.  
But do not hurry the journey at all.  
Better if it lasts for years,  
so you are old by the time you reach the island,  
wealthy with all you have gained on the way,  
not expecting Ithaka to make you rich.

Ithaka gave you the marvelous journey.  
Without her you would not have set out.  
She has nothing left to give you now.

And if you find her poor, Ithaka won't have fooled you.  
Wise as you will have become, so full of experience,  
you will have understood by then what these Ithakas mean.

(C.P. Cavafy, Collected Poems. Translated by Edmund Keeley and Philip Sherrard. Edited by George Savidis. Revised Edition. Princeton University Press, 1992)