

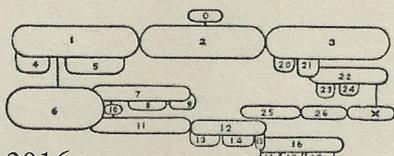
Augmented Writing

The

Exoplanets

Path

by Alessandro de Francesco



2016

A Present Tense Pamphlet

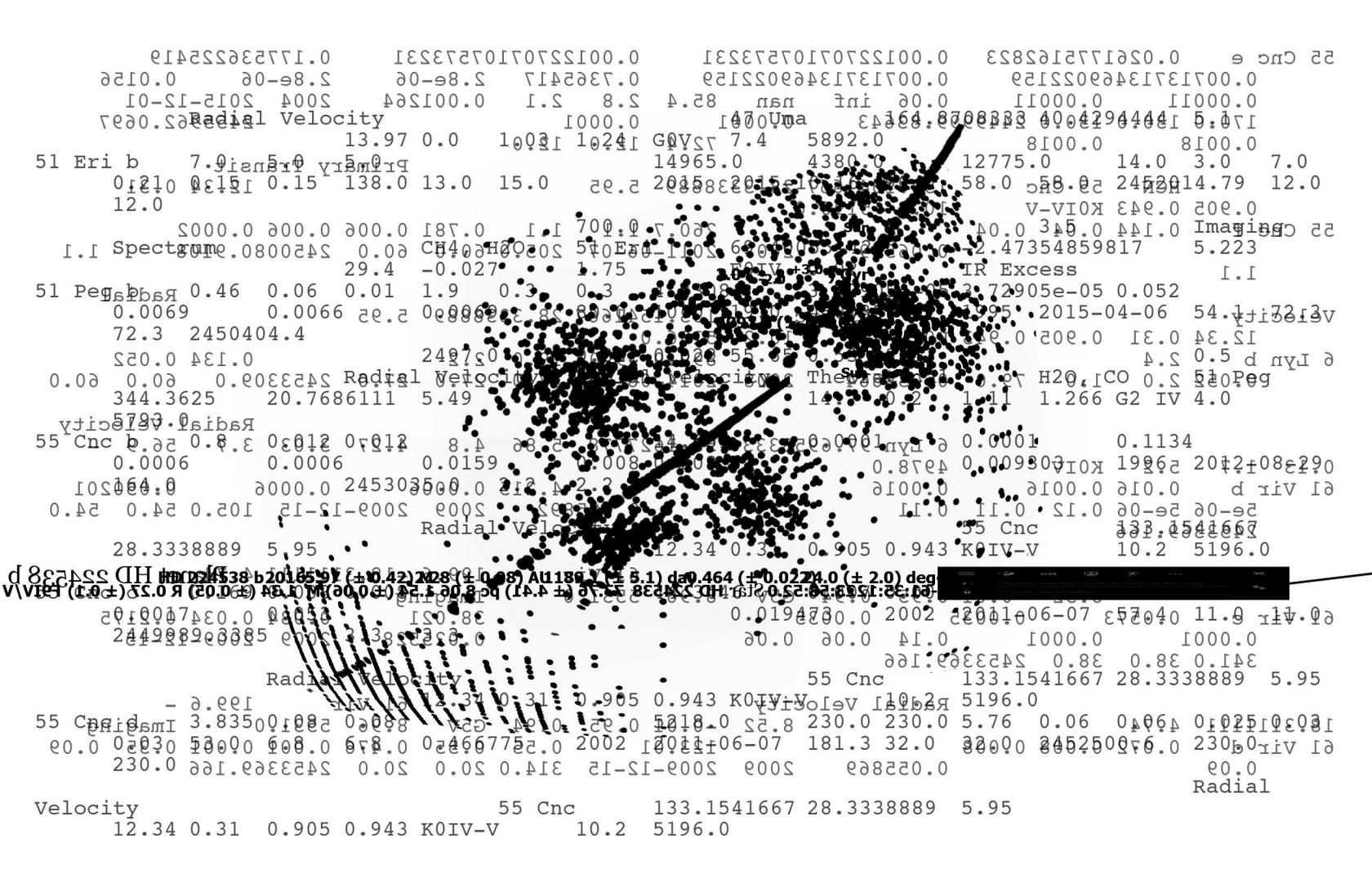
The Exoplanets Path contains a series of possible maps towards some recently discovered possible exoplanets (i.e. planets that are situated beyond the Solar System): the existence of the exoplanets chosen for this project has not been ascertained yet.

According to the Exoplanets Encyclopaedia (www.exoplanet.eu), which is the main source of the data, stats and graphs used in this work, 2107 exoplanets have been discovered as of April 2016. Many exoplanets are spotted because they transit in front of the stars and pulsars around which they orbit, thus briefly reducing their luminosity as we perceive it from the Earth. Many exoplanets have unknown forms and consistencies, and these spheroids are sometimes entirely made of water, gas or ice.

The Exoplanets Path displays a narrative of possibility and of aggregation. It is a way out, a way of breaking out, but it is also an invitation to both a collective and individual experience of the real in its most unknown and almost impossible configurations. A possible of the impossible, an “augmented” narrative and experience in the sense of my ongoing *Augmented Writing* project, to which this series belongs (www.augmentedwriting.com).

In the last object of the series, the empty google maps interface we needed to produce our impossible and yet possible path, reveals its limits, its here and now. But the here and now is also in the points of the graphs, resisting until the end, showing multiple mysterious aggregations and relations.

Alessandro De Francesco



HD 165155 b

2016

2.89 (± 0.23) M

1.13 (± 0.04) AU
HD 165155

434.5 (± 2.1) day
64.98 (± 7.26) pc

0.2 (± 0.03) G8V

211.0 (± 11.0) deg
9.36

1.02 (± 0.05) M_{Sun}

11.0 (± 4.0) Gyr

5426.0 (± 100.0) K

April 2, 2016

0.95 (± 0.11) R_{Sun}

Planet HD 165155 b Primary transit

0.09 (± 0.1)

Radial Velocity

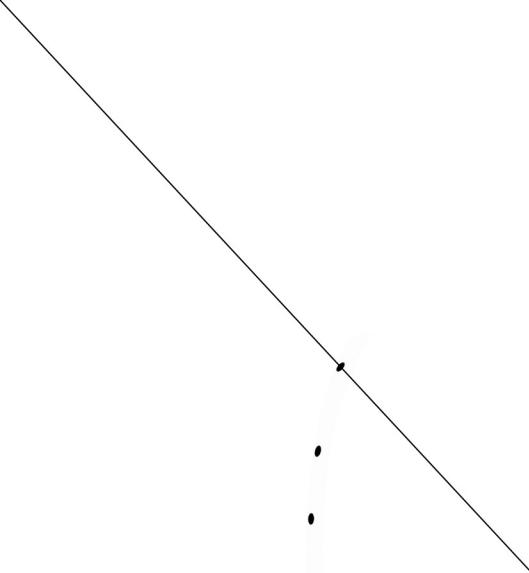
18:05:57.0

-29:55:02

1 planet

75.8 (± 3.0) m/s

Choose starting point, or click on the map...
 Choose destination...

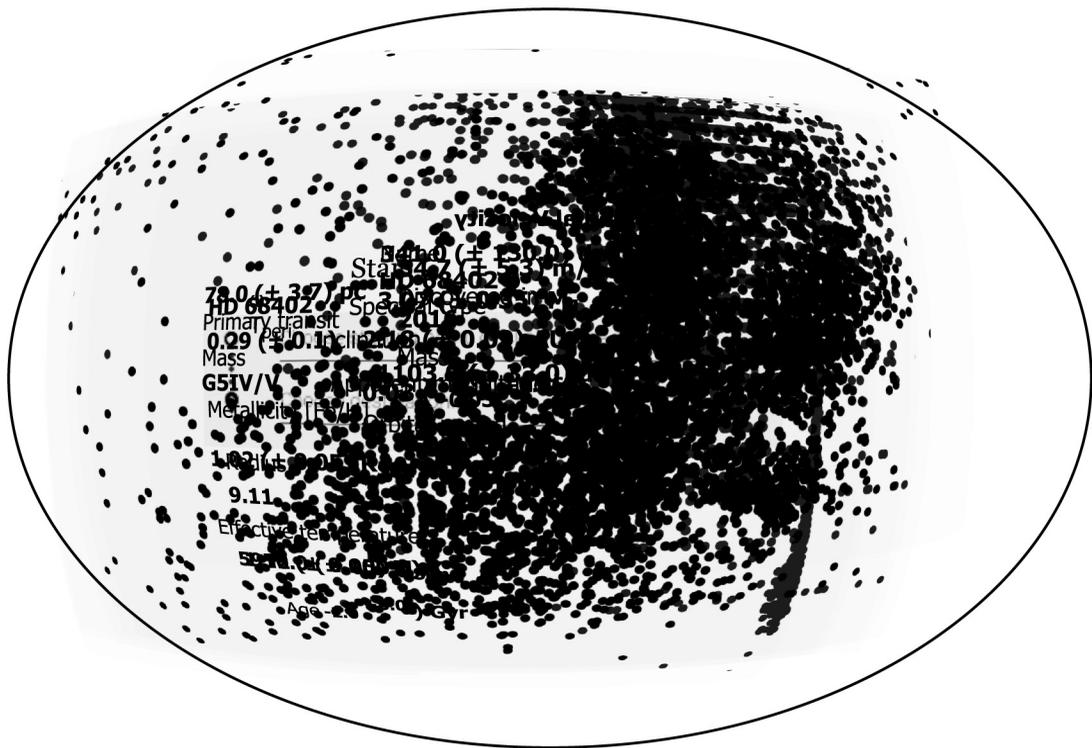


Choose starting point, or click on the map...
Mass Planet HD 9174 b $1.11 (\pm 0.14) M_J$ 
Choose destination...

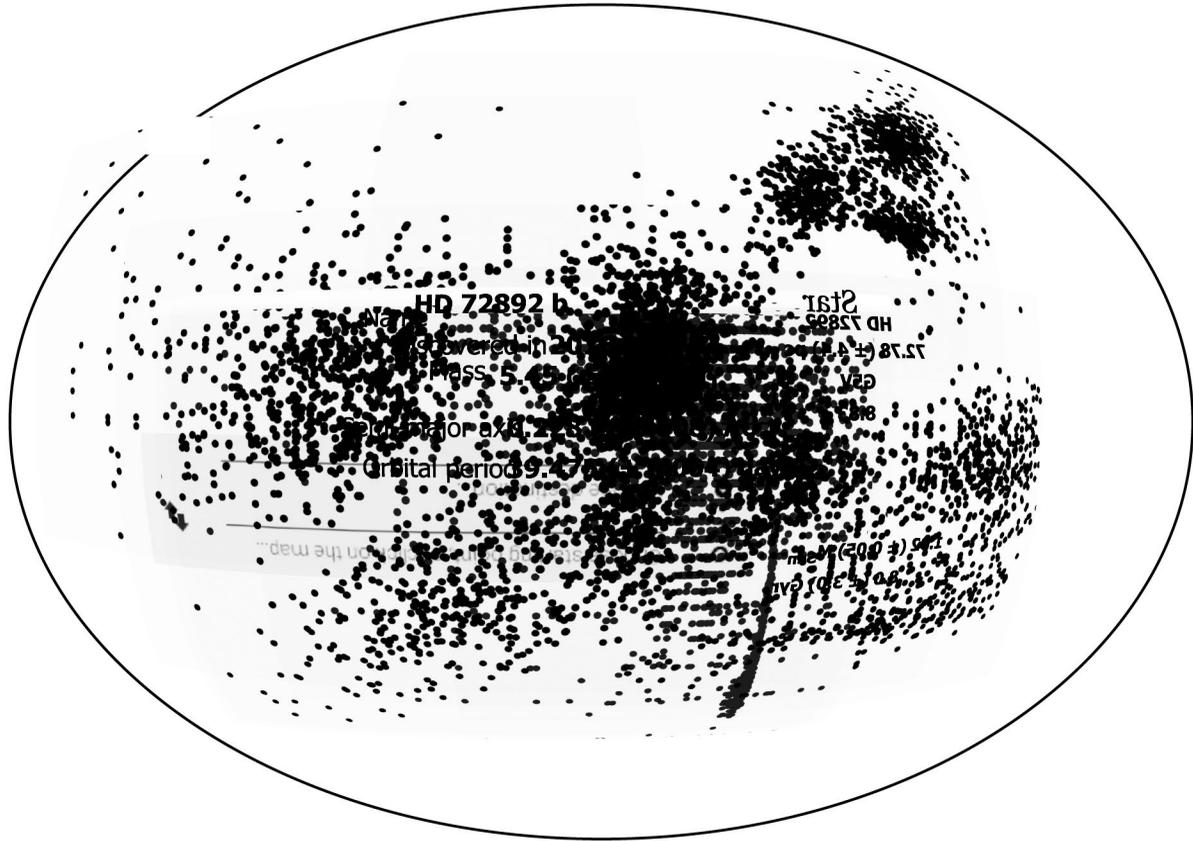
HD 9174 b Primary Transit

2016

4.2

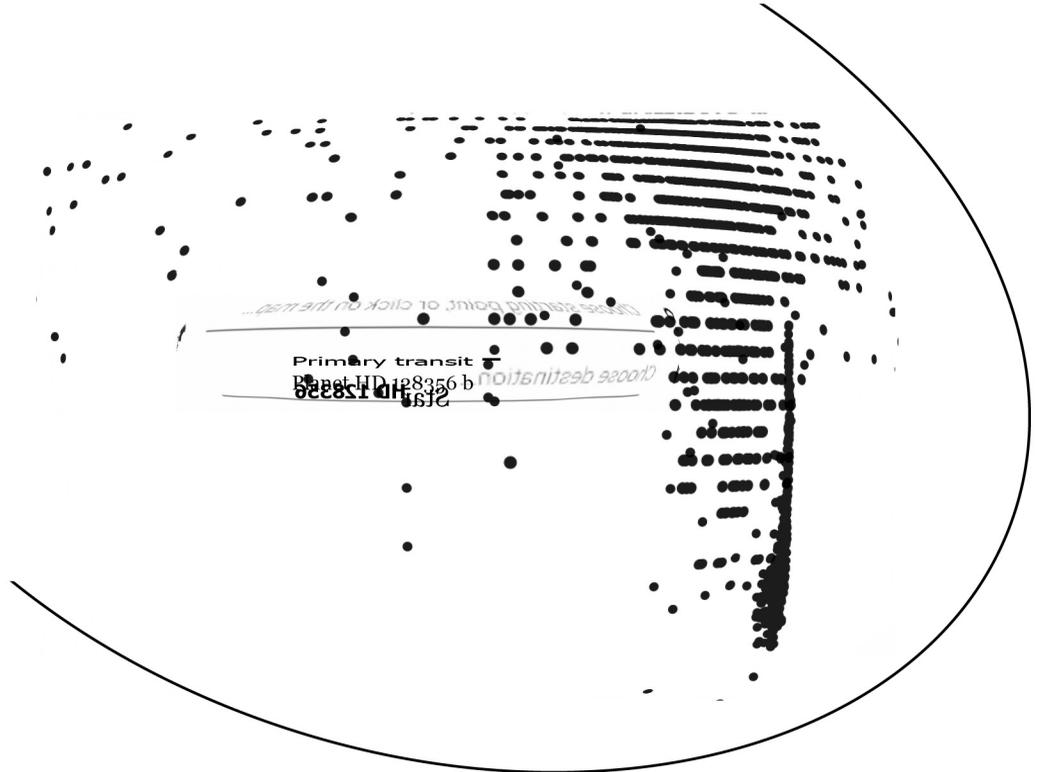


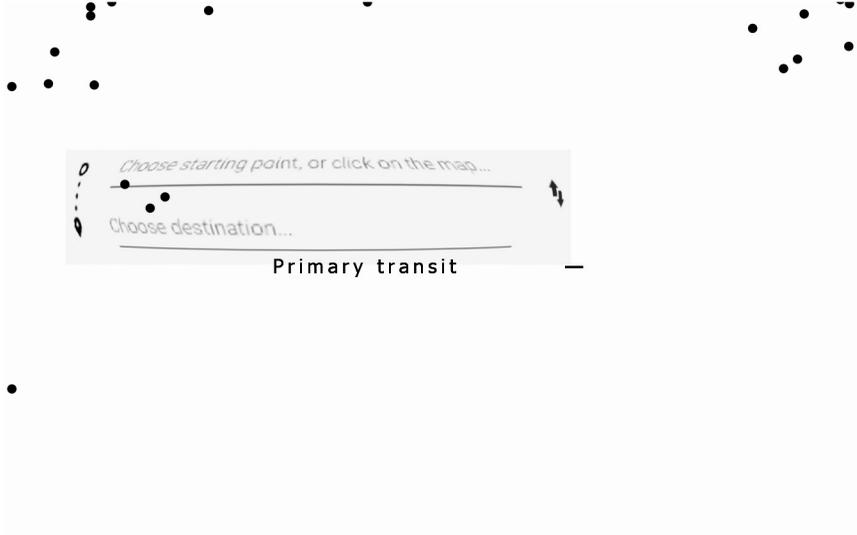
Star ID: 42
Distance (kpc): 1.03
Mass: 0.29
Metallicity [Fe/H]: -1.03
Effective temperature: 9.11
Age: 10 Gyr



Name: HD 72892 b
Discovered in: 1996
Mass: 5.45
Distance from Earth: 125 light years
Orbital period: 9.75 years

HD 72892 b
125 light years
9.75 years
5.45
1996





Primary transit



Choose starting point, or click on the map...

Choose destination...



Alessandro De Francesco - Language Art Studio 2016

www.alessandrodefrancesco.net

www.augmentedwriting.com

Mashinka Firunts & Danny Snelson, eds.
The Block Museum | Northwestern University
Department of Art History | Mellon Dance Studies
The Alice Kaplan Institute for the Humanities
<http://sites.northwestern.edu/present>