

# School of Physics and Astronomy



## MPhys Project Astrophysics

### AGN Host Galaxy Properties

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October 22, 2020

#### Abstract

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#### Declaration

I declare that this project and report is my own work.

Signature:

Date: October 22, 2020

**Supervisor:** Professor A. Lawrence, FRSE, FRaS

22 Weeks

## Contents

## 1 Introduction

## 2 The XSHOOTER Data

Target	RA	Dec	Mag	z
AT2019qiz	04:46:37.880	-10:13:34.90	15	0.01513
AT2019azh	08:13:16.945	+22:38:54.03	15	0.022
AT2018hyz	10:06:50.871	+01:41:34.08	17	0.04573
AT2019dsg	20:57:02.974	+14:12:15.86	15	0.0512
iPTF16fnl	00:29:57.010	+32:53:37.24	16	0.016328
AT2018dyb	16:10:58.774	-60:55:23.16	17	0.018
AT2019ahk	07:00:11.546	-66:02:24.14	17	0.026211
ASASSN-15oi	20:39:09.18	-30:45:20.10	16	0.0484
AT2018fyk	22:50:16.090	-44:51:53.50	17	0.06
ASASSN-14li	12:48:15.23	+17:46:26.44	15	0.0206
ASASSN-14ae	11:08:40.12	+34:05:52.23	17	0.0436