

NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Asteroids	Hot star	Barred spiral galaxy	Variable star
Compact Galaxies Group	Brown dwarf	Planetary nebula	Irregular galaxy
High redshift (faraway) galaxy	Spiral galaxy (edge on)	Shell galaxy	Low surface brightness galaxy
Wolf-Rayet star	Binary Star	Sun-like star	Interacting galaxies

Active galaxy · Asteroids · Barred spiral galaxy · Binary Star · Brown dwarf
 Compact Galaxies Group · Cool star · Dust · Dwarf galaxy · Elliptical galaxy
 Galaxy cluster · Galaxy with tidal tail · High redshift (faraway) galaxy
 High redshift galaxy group · Hot star · Interacting galaxies · Irregular galaxy
 Lenticular galaxy · Lensed galaxies · Low surface brightness galaxy · Nearby galaxy
 Planetary nebula · Quasar · Red Giant star · Ring galaxy · Shell galaxy
 Spiral galaxy (edge on) · Spiral galaxy (face on) · Sun-like star · Supernova · Variable star
 White dwarf · Wolf-Rayet star

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Dwarf galaxy	Asteroids	Spiral galaxy (face on)	Planetary nebula
Brown dwarf	Hot star	Lenticular galaxy	Cool star
Shell galaxy	Binary Star	Elliptical galaxy	White dwarf
Sun-like star	Irregular galaxy	Compact Galaxies Group	Nearby galaxy

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Planetary nebula	Galaxy cluster	Spiral galaxy (face on)	Brown dwarf
Low surface brightness galaxy	Galaxy with tidal tail	White dwarf	Irregular galaxy
Active galaxy	Dust	Ring galaxy	Compact Galaxies Group
Variable star	Interacting galaxies	Elliptical galaxy	Hot star

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Cool star	Interacting galaxies	Spiral galaxy (face on)	Low surface brightness galaxy
Irregular galaxy	White dwarf	Wolf-Rayet star	Variable star
Elliptical galaxy	Compact Galaxies Group	Galaxy cluster	Asteroids
Supernova	Nearby galaxy	Ring galaxy	Binary Star

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Sun-like star	Lenticular galaxy	Variable star	Supernova
Quasar	Shell galaxy	Elliptical galaxy	Galaxy cluster
White dwarf	Dust	Nearby galaxy	Asteroids
Low surface brightness galaxy	Ring galaxy	Dwarf galaxy	Spiral galaxy (edge on)

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Galaxy cluster	Dwarf galaxy	Ring galaxy	Active galaxy
Variable star	Elliptical galaxy	Brown dwarf	Interacting galaxies
Compact Galaxies Group	Spiral galaxy (face on)	Irregular galaxy	Wolf-Rayet star
Quasar	Low surface brightness galaxy	Spiral galaxy (edge on)	Hot star

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Planetary nebula	White dwarf	High redshift (faraway) galaxy	Irregular galaxy
Wolf-Rayet star	Quasar	Red Giant star	Shell galaxy
Sun-like star	Ring galaxy	Asteroids	Low surface brightness galaxy
Binary Star	Spiral galaxy (face on)	Galaxy cluster	Lensed galaxies

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Dwarf galaxy	Red Giant star	Spiral galaxy (face on)	Wolf-Rayet star
Compact Galaxies Group	Spiral galaxy (edge on)	Lensed galaxies	Binary Star
Nearby galaxy	High redshift (faraway) galaxy	Cool star	Sun-like star
Lenticular galaxy	Asteroids	Quasar	Low surface brightness galaxy

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Lenticular galaxy	White dwarf	Galaxy cluster	High redshift (faraway) galaxy
Interacting galaxies	Spiral galaxy (edge on)	Spiral galaxy (face on)	Planetary nebula
Variable star	Galaxy with tidal tail	Brown dwarf	Sun-like star
Ring galaxy	Compact Galaxies Group	Barred spiral galaxy	Shell galaxy

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Dwarf galaxy	Active galaxy	Interacting galaxies	White dwarf
Variable star	Asteroids	Binary Star	Supernova
Barred spiral galaxy	Brown dwarf	Lensed galaxies	Nearby galaxy
Ring galaxy	Red Giant star	Sun-like star	Spiral galaxy (edge on)

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Asteroids	Hot star	Wolf-Rayet star	Lenticular galaxy
Interacting galaxies	Irregular galaxy	Galaxy with tidal tail	High redshift (faraway) galaxy
Quasar	Active galaxy	Sun-like star	Cool star
Nearby galaxy	Variable star	Dust	High redshift galaxy group

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Compact Galaxies Group	Active galaxy	Dust	Dwarf galaxy
Galaxy cluster	Asteroids	Nearby galaxy	Hot star
White dwarf	Supernova	Sun-like star	Low surface brightness galaxy
High redshift galaxy group	Galaxy with tidal tail	Shell galaxy	High redshift (faraway) galaxy

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Elliptical galaxy	Quasar	Brown dwarf	Lenticular galaxy
Low surface brightness galaxy	Supernova	Nearby galaxy	Interacting galaxies
Planetary nebula	Spiral galaxy (edge on)	Asteroids	Active galaxy
Wolf-Rayet star	High redshift (faraway) galaxy	White dwarf	Lensed galaxies

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Variable star	Brown dwarf	High redshift galaxy group	Nearby galaxy
Barred spiral galaxy	Low surface brightness galaxy	Asteroids	Quasar
Dwarf galaxy	Lenticular galaxy	Cool star	White dwarf
Shell galaxy	Lensed galaxies	Red Giant star	Elliptical galaxy

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Low surface brightness galaxy	Dwarf galaxy	Asteroids	Shell galaxy
Elliptical galaxy	Quasar	Lenticular galaxy	Brown dwarf
Irregular galaxy	Dust	White dwarf	Spiral galaxy (edge on)
Barred spiral galaxy	Spiral galaxy (face on)	Compact Galaxies Group	Ring galaxy

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Barred spiral galaxy	Variable star	Ring galaxy	Irregular galaxy
Wolf-Rayet star	Dust	Brown dwarf	White dwarf
Planetary nebula	Hot star	Asteroids	Binary Star
Elliptical galaxy	Supernova	High redshift galaxy group	Active galaxy

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Galaxy cluster	Lensed galaxies	High redshift galaxy group	Planetary nebula
Supernova	Active galaxy	Compact Galaxies Group	Red Giant star
High redshift (faraway) galaxy	Galaxy with tidal tail	Ring galaxy	Shell galaxy
Hot star	Dwarf galaxy	Quasar	Elliptical galaxy

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Irregular galaxy	Galaxy cluster	Spiral galaxy (edge on)	Elliptical galaxy
Compact Galaxies Group	Wolf-Rayet star	Quasar	Supernova
Lensed galaxies	Hot star	Nearby galaxy	Spiral galaxy (face on)
Variable star	Sun-like star	High redshift (faraway) galaxy	Barred spiral galaxy

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Shell galaxy	Galaxy cluster	Red Giant star	Spiral galaxy (edge on)
Variable star	Asteroids	Binary Star	Irregular galaxy
Ring galaxy	Galaxy with tidal tail	Lenticular galaxy	Brown dwarf
Active galaxy	Barred spiral galaxy	Planetary nebula	Elliptical galaxy

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Wolf-Rayet star	White dwarf	Irregular galaxy	Galaxy with tidal tail
Ring galaxy	Nearby galaxy	Red Giant star	Lensed galaxies
Active galaxy	Hot star	Dust	Galaxy cluster
Lenticular galaxy	Spiral galaxy (edge on)	Low surface brightness galaxy	Spiral galaxy (face on)

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Low surface brightness galaxy	Elliptical galaxy	Lensed galaxies	Compact Galaxies Group
High redshift (faraway) galaxy	Supernova	Spiral galaxy (face on)	Quasar
Sun-like star	Active galaxy	Galaxy with tidal tail	Dust
Dwarf galaxy	Hot star	Lenticular galaxy	Planetary nebula

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Quasar	Wolf-Rayet star	Binary Star	Cool star
Elliptical galaxy	Dust	Interacting galaxies	Spiral galaxy (face on)
Dwarf galaxy	Red Giant star	Brown dwarf	Ring galaxy
Low surface brightness galaxy	Variable star	Barred spiral galaxy	Nearby galaxy

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Red Giant star	Brown dwarf	Wolf-Rayet star	Variable star
High redshift (faraway) galaxy	Shell galaxy	Binary Star	Irregular galaxy
Nearby galaxy	Quasar	Ring galaxy	Spiral galaxy (edge on)
Lensed galaxies	Lenticular galaxy	High redshift galaxy group	Elliptical galaxy

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Wolf-Rayet star	Galaxy with tidal tail	Asteroids	Red Giant star
Shell galaxy	Hot star	Barred spiral galaxy	Nearby galaxy
Interacting galaxies	Compact Galaxies Group	High redshift galaxy group	Planetary nebula
Galaxy cluster	Brown dwarf	Ring galaxy	Quasar

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Shell galaxy	Compact Galaxies Group	High redshift galaxy group	Quasar
Low surface brightness galaxy	Dwarf galaxy	Red Giant star	Hot star
Barred spiral galaxy	Active galaxy	Supernova	Interacting galaxies
Elliptical galaxy	Irregular galaxy	Variable star	Cool star

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Galaxy with tidal tail	Interacting galaxies	Dust	Variable star
Spiral galaxy (face on)	Ring galaxy	Binary Star	Cool star
Brown dwarf	Irregular galaxy	Asteroids	Barred spiral galaxy
Lensed galaxies	Nearby galaxy	Supernova	White dwarf

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High redshift (faraway) galaxy	Spiral galaxy (edge on)	Planetary nebula	Asteroids
Quasar	Hot star	Binary Star	Nearby galaxy
Active galaxy	Galaxy cluster	Supernova	High redshift galaxy group
Sun-like star	Brown dwarf	Spiral galaxy (face on)	Lensed galaxies

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Elliptical galaxy	Low surface brightness galaxy	Sun-like star	Asteroids
Interacting galaxies	Binary Star	Spiral galaxy (edge on)	Spiral galaxy (face on)
Quasar	Shell galaxy	Dwarf galaxy	Dust
Wolf-Rayet star	Nearby galaxy	Galaxy cluster	Hot star

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Hot star	Dust	Nearby galaxy	Ring galaxy
Variable star	Brown dwarf	Lenticular galaxy	Irregular galaxy
Elliptical galaxy	Compact Galaxies Group	Quasar	Binary Star
Spiral galaxy (edge on)	Wolf-Rayet star	Sun-like star	Galaxy cluster

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Galaxy with tidal tail	Elliptical galaxy	Low surface brightness galaxy	Quasar
Nearby galaxy	Supernova	Planetary nebula	Wolf-Rayet star
Spiral galaxy (edge on)	Irregular galaxy	Lensed galaxies	Compact Galaxies Group
Binary Star	Variable star	Sun-like star	Interacting galaxies

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Cool star	Hot star	Ring galaxy	High redshift galaxy group
Spiral galaxy (face on)	Dwarf galaxy	Supernova	Sun-like star
Compact Galaxies Group	Quasar	Planetary nebula	Galaxy with tidal tail
Low surface brightness galaxy	Wolf-Rayet star	High redshift (faraway) galaxy	Variable star

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Barred spiral galaxy	Red Giant star	Wolf-Rayet star	Spiral galaxy (edge on)
Galaxy with tidal tail	Quasar	Spiral galaxy (face on)	Galaxy cluster
Nearby galaxy	Brown dwarf	Elliptical galaxy	Variable star
High redshift (faraway) galaxy	High redshift galaxy group	Sun-like star	Active galaxy

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

White dwarf	Variable star	Dwarf galaxy	Elliptical galaxy
Lensed galaxies	Low surface brightness galaxy	Planetary nebula	Interacting galaxies
Spiral galaxy (face on)	Galaxy cluster	Nearby galaxy	Active galaxy
Compact Galaxies Group	Sun-like star	Hot star	Quasar

Active galaxy · Asteroids · Barred spiral galaxy · Binary Star · Brown dwarf
 Compact Galaxies Group · Cool star · Dust · Dwarf galaxy · Elliptical galaxy
 Galaxy cluster · Galaxy with tidal tail · High redshift (faraway) galaxy
 High redshift galaxy group · Hot star · Interacting galaxies · Irregular galaxy
 Lenticular galaxy · Lensed galaxies · Low surface brightness galaxy · Nearby galaxy
 Planetary nebula · Quasar · Red Giant star · Ring galaxy · Shell galaxy
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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Irregular galaxy	Ring galaxy	Spiral galaxy (face on)	Interacting galaxies
Binary Star	High redshift (faraway) galaxy	Elliptical galaxy	Cool star
Galaxy cluster	Compact Galaxies Group	Hot star	Shell galaxy
White dwarf	High redshift galaxy group	Lenticular galaxy	Dwarf galaxy

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Quasar	Low surface brightness galaxy	Variable star	Galaxy cluster
Hot star	Sun-like star	Lensed galaxies	Spiral galaxy (face on)
Binary Star	Dwarf galaxy	Galaxy with tidal tail	Wolf-Rayet star
Supernova	Interacting galaxies	Active galaxy	White dwarf

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Lenticular galaxy	Binary Star	Quasar	Ring galaxy
Galaxy with tidal tail	Elliptical galaxy	Active galaxy	Dust
Irregular galaxy	Hot star	Wolf-Rayet star	Nearby galaxy
Spiral galaxy (edge on)	Variable star	Lensed galaxies	Compact Galaxies Group

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Galaxy with tidal tail	High redshift (faraway) galaxy	Binary Star	Supernova
Spiral galaxy (edge on)	White dwarf	Lensed galaxies	Wolf-Rayet star
Interacting galaxies	Barred spiral galaxy	Lenticular galaxy	Sun-like star
Compact Galaxies Group	Planetary nebula	Asteroids	Red Giant star

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Ring galaxy	Compact Galaxies Group	Interacting galaxies	Low surface brightness galaxy
Dust	Wolf-Rayet star	Shell galaxy	Spiral galaxy (face on)
Spiral galaxy (edge on)	High redshift galaxy group	Active galaxy	Barred spiral galaxy
Quasar	Nearby galaxy	Sun-like star	Asteroids

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Galaxy with tidal tail	Shell galaxy	Wolf-Rayet star	Variable star
Binary Star	High redshift (faraway) galaxy	Lensed galaxies	Asteroids
Quasar	Sun-like star	Planetary nebula	Active galaxy
Compact Galaxies Group	Ring galaxy	Supernova	White dwarf

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

High redshift galaxy group	Low surface brightness galaxy	Cool star	Asteroids
Ring galaxy	Binary Star	Brown dwarf	Interacting galaxies
Nearby galaxy	Active galaxy	Quasar	Sun-like star
Planetary nebula	White dwarf	Variable star	Galaxy with tidal tail

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Ring galaxy	Spiral galaxy (edge on)	Supernova	Shell galaxy
Variable star	Elliptical galaxy	Active galaxy	High redshift galaxy group
Lensed galaxies	Low surface brightness galaxy	Brown dwarf	Quasar
Asteroids	Lenticular galaxy	Cool star	Dwarf galaxy

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Red Giant star	Nearby galaxy	Hot star	Dwarf galaxy
Spiral galaxy (edge on)	Shell galaxy	Sun-like star	Quasar
Lensed galaxies	Galaxy with tidal tail	Wolf-Rayet star	White dwarf
Active galaxy	Galaxy cluster	Compact Galaxies Group	Barred spiral galaxy

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Dust	Compact Galaxies Group	Galaxy with tidal tail	Hot star
High redshift galaxy group	Active galaxy	Sun-like star	Spiral galaxy (face on)
Galaxy cluster	Elliptical galaxy	Red Giant star	Variable star
Lenticular galaxy	White dwarf	Binary Star	Shell galaxy

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Spiral galaxy (face on)	Wolf-Rayet star	Barred spiral galaxy	Red Giant star
Lensed galaxies	Compact Galaxies Group	Quasar	Sun-like star
Asteroids	Planetary nebula	Supernova	Nearby galaxy
Binary Star	Ring galaxy	Shell galaxy	Variable star

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Active galaxy	Sun-like star	Ring galaxy	Binary Star
Spiral galaxy (edge on)	High redshift (faraway) galaxy	Wolf-Rayet star	Elliptical galaxy
Hot star	High redshift galaxy group	Asteroids	Planetary nebula
Galaxy cluster	Barred spiral galaxy	Brown dwarf	Low surface brightness galaxy

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Active galaxy	Low surface brightness galaxy	Wolf-Rayet star	Lensed galaxies
Dwarf galaxy	High redshift galaxy group	Binary Star	Elliptical galaxy
Planetary nebula	Cool star	Ring galaxy	Quasar
Spiral galaxy (face on)	Spiral galaxy (edge on)	Red Giant star	Irregular galaxy

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Red Giant star	Variable star	Supernova	Quasar
Nearby galaxy	Shell galaxy	High redshift (faraway) galaxy	Brown dwarf
Sun-like star	Planetary nebula	Compact Galaxies Group	Galaxy with tidal tail
Active galaxy	Asteroids	Cool star	Lenticular galaxy

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NSF-DOE VERA C. RUBIN OBSERVATORY

RUBINGO

Variable star	Low surface brightness galaxy	Barred spiral galaxy	Supernova
Interacting galaxies	Asteroids	White dwarf	Red Giant star
Active galaxy	Cool star	Brown dwarf	Galaxy with tidal tail
Planetary nebula	Galaxy cluster	Lenticular galaxy	Compact Galaxies Group

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RUBINGO

Low surface brightness galaxy	Dwarf galaxy	Dust	Galaxy with tidal tail
Sun-like star	Asteroids	Compact Galaxies Group	Wolf-Rayet star
Binary Star	Barred spiral galaxy	Interacting galaxies	White dwarf
Supernova	Galaxy cluster	Red Giant star	Irregular galaxy

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RUBINGO

High redshift (faraway) galaxy	Dust	Elliptical galaxy	Lenticular gal- axy
Interacting galaxies	Supernova	Spiral galaxy (face on)	White dwarf
Quasar	High redshift galaxy group	Shell galaxy	Lensed galaxies
Sun-like star	Wolf-Rayet star	Binary Star	Irregular galaxy

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