DIFFERENTIATION AND INTEGRATION LOOPS 2

STUDENT RESOURCE

Differentiation and Integration Loops 2

$$2x + 2$$

Add 4x + 2 and integrate

Differentiation and Integration Loops 2

$$3x^2 + 4x + 2$$
 D

Differentiate and subtract 2x

Differentiation and Integration Loops 2

$$4x + 4$$

D

Integrate and add 2x²

AIM

Differentiation and Integration Loops 2

$$4x^2 + 4x + 6$$

Differentiate and subtract 2x + 2

MIA

Differentiation and Integration Loops 2

$$6x + 2$$

Add 4 – 4x and integrate

I)

E

Differentiation and Integration Loops 2

$$x^2 + 6x + 3$$

D

Differentiate and subtract 4

AIM

Differentiation and Integration Loops 2

$$x^3 + x^2 + 2x + 7$$
 E

Differentiate

AIM

Differentiation and Integration Loops 2

$$3x^2 + 2x + 2$$

Differentiate

Differentiation and Integration Loops 2

$$6x + 2$$

Е

Add 2x + 2 and integrate

MIA

Differentiation and Integration Loops 2

$$4x^2 + 4x + 6$$

Add $2x^2 + 4x$ and integrate

Differentiation and Integration Loops 2

$$2x^3 + 4x^2 + 6x$$

Differentiate and subtract 2x + 6

Differentiation and Integration Loops 2

$$6x^{2} + 6x$$

E

Subtract 3x²+4x-2 and integrate

AIM

Differentiation and Integration Loops 2

$$x^3 + x^2 + 2x + 7$$
 F

Differentiate and add 2x

AIM

Differentiation and Integration Loops 2

$$3x^2 + 4x + 2$$

Differentiate and subtract 2x

Differentiation and Integration Loops 2

$$4x + 4$$

Г

Integrate and add 2x²

MIA

Differentiation and Integration Loops 2

$$4x^2 + 4x + 6$$

Differentiate and subtract 6x + 2

 $\Delta T \Lambda \Lambda$

Differentiation and Integration Loops 2

$$2x + 2$$

F

Add 10x + 4 and integrate

ATM

Differentiation and Integration Loops 2

$$6x^{2} + 6x$$

F

Divide by 2, subtract x—2 and integrate

 $\Delta T \Lambda \Lambda$